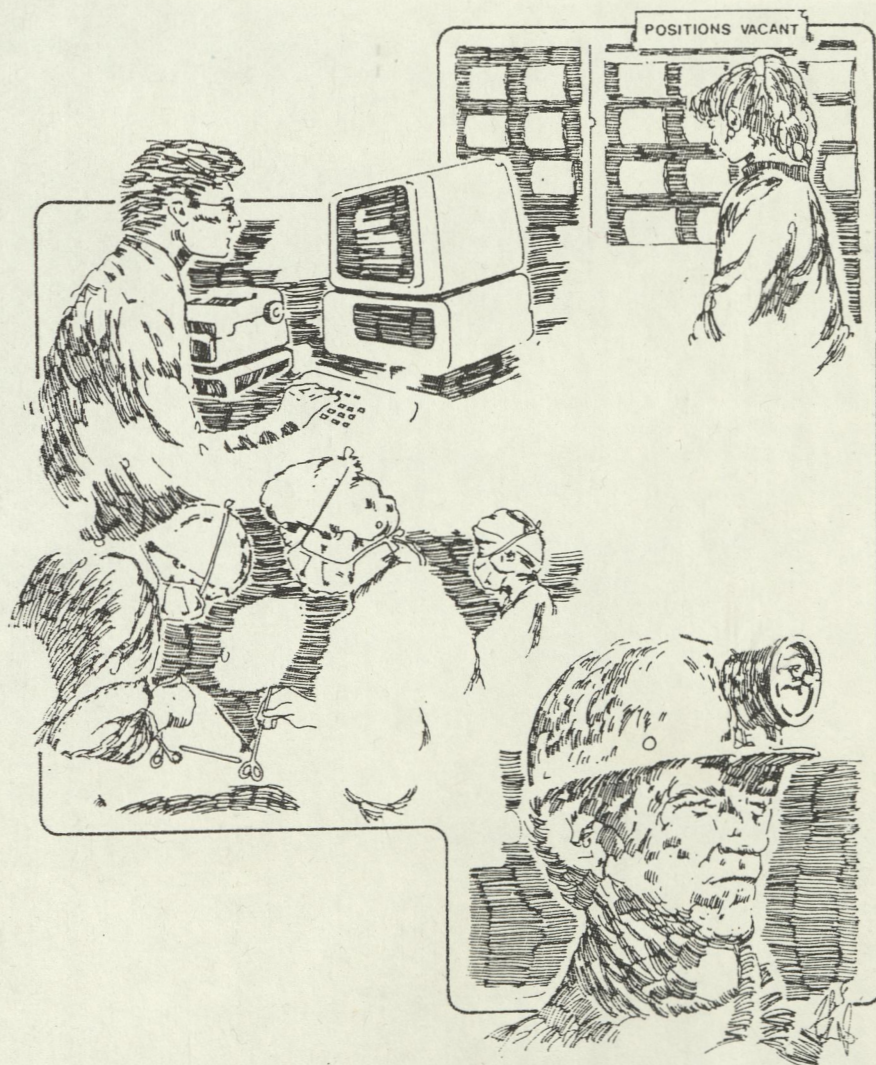


**AUGUST 1991**

**LABOUR FORCE  
QUEENSLAND**





# THE LABOUR FORCE, QUEENSLAND, AUGUST 1991

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### INQUIRIES

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## SUMMARY OF FINDINGS

### Seasonally adjusted

Seasonally adjusted employment in Queensland increased by 28,500 between May 1991 and August 1991 while, over the same period the labour force increased by 17,700. Seasonally adjusted employment for Australia rose by 13,600, and the Australian labour force grew by 50,500 over the three months to August 1991.

The unemployment rate in Queensland fell from 10.7 percent in May 1991 to 9.8 percent in August 1991. In the same period, the unemployment rate for Australia rose by 0.4 percentage points to 9.8 percent.

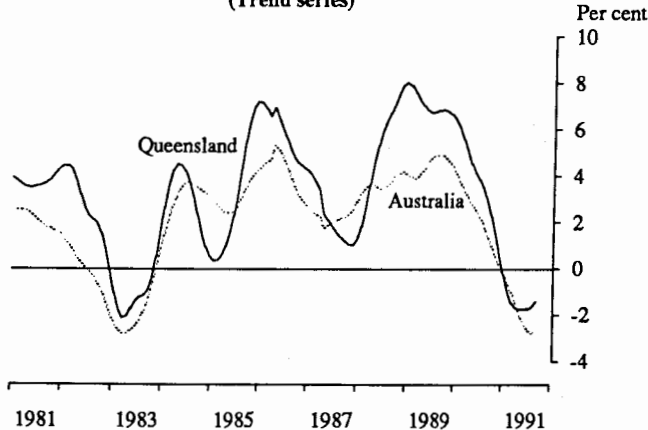
LABOUR FORCE, QUEENSLAND  
(Seasonally adjusted series)

Particulars	Unit	August 1990	May 1991	June 1991	July 1991	August 1991	Annual percentage change
Employed	'000	1330.8	1288.8	1,312.0	1,302.6	1,317.3	-1.0
Unemployed	'000	123.8	154.7	138.4	153.3	143.9	+16.2
Unemployment rate	%	8.5	10.7	9.5	10.5	9.8	..
Participation rate	%	64.7	63.0	63.2	63.3	63.4	..
Labour force	'000	1,454.6	1443.5	1,450.4	1,455.9	1,461.2	+0.5

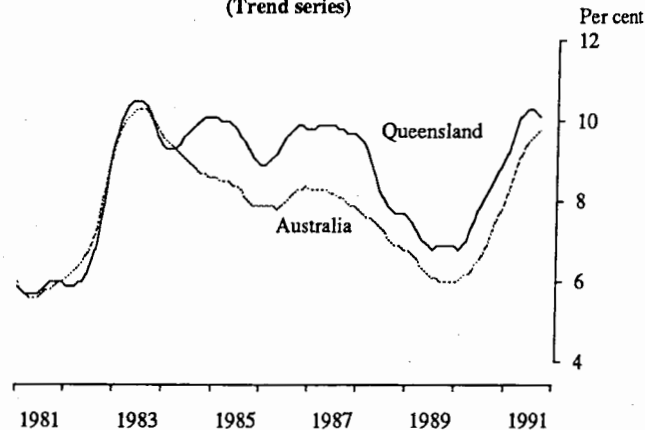
### Trend series

Trend series data charted below show a continued fall in employment over the year to August 1991. The August 1991 trend series unemployment rate was 10.1 per cent for Queensland (an increase of 1.7 percentage points since August 1990) and 9.8 per cent for Australia (an increase of 2.6 percentage points).

EMPLOYED PERSONS: ANNUAL PERCENTAGE CHANGE  
(Trend series)



UNEMPLOYMENT RATE  
(Trend series)



### Regional estimates

The unemployment rate for the Brisbane Statistical Division (BSD) in August 1991 was 9.4 per cent and 9.5 per cent for the Balance of Queensland. There was a 1.2 percentage point fall in the participation rate in the BSD to 63.5 per cent over the year to August 1991, over the same period the participation rate fell 2 percentage points to 62.0 per cent in the Balance of Queensland.

The North and West BSD Balance which includes Caboolture and Redcliffe, reported a large increase in the number of unemployed over the year to August 1991 and has the highest unemployment rate in the BSD at 11.1 per cent.

Outside the BSD, South and East Moreton had the highest unemployment rate at 12.7 per cent compared with 4.9 per cent for Darling Downs and South-West region. Wide Bay-Burnett region, which includes Maryborough, Hervey Bay, Gympie and Bundaberg, continued to have the lowest participation rate in the State at 54.2 per cent.

### Youth estimates

The number of 15 to 19 year olds in the Queensland labour force fell by 15,300 to 145,200 persons over the year to August 1991, while employment decreased by 12,600. The unemployment rate for this group increased from 19.3 per cent in August 1990 to 19.5 per cent in August 1991.

## SUMMARY OF FINDINGS - continued

The number of 20 to 24 year olds in the labour force increased by 1,000 to 199,200 persons over the year to August 1991. Employment in this age group decreased by 7,600 to 167,500 while the unemployment rate increased from 11.7 per cent in August 1990 to 15.9 per cent over the year to August 1991.

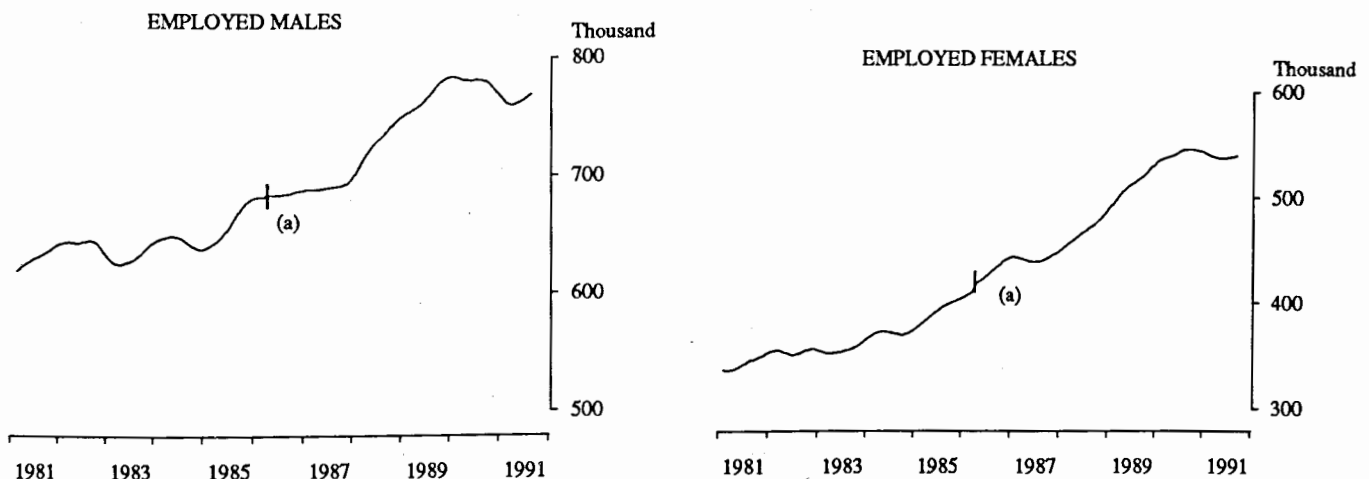
## Employment and unemployment change for selected groups

Particulars	Employed ('000)		Annual percentage change	Unemployed ('000)		Annual percentage change
	August 1990	August 1991		August 1990	August 1991	
Males	777.6	767.3	- 1.3	67.2	81.3	+ 21.0
Females	544.2	540.9	- 0.6	50.2	55.3	+ 10.2
Married females	337.5	338.2	+ 0.2	19.9	21.6	+ 8.5
Persons aged (years)						
15 - 19	129.5	116.9	- 9.7	31.0	28.3	- 8.7
20 - 24	175.1	167.5	- 4.3	23.1	31.7	+ 37.2
25 - 44	675.6	682.5	+ 1.0	43.5	54.2	+ 24.6
45 and over	341.6	341.3	- 0.1	19.7	22.4	+ 13.7
Full-time workers	1027.2	1,002.6	- 2.4	..	..	..
Part-time workers	294.6	305.7	+ 3.8	..	..	..
Looking for full-time work	..	..	..	96.6	117.3	+ 21.4
Looking for part-time work	..	..	..	20.7	19.3	+ 6.8
Selected industries						
Manufacturing	165.5	149.5	- 9.7	15.6	16.8	+ 7.7
Construction	117.0	106.9	- 8.6	10.5	14.7	+ 40.0
Wholesale and retail trade	285.1	300.5	+ 5.4	16.4	20.3	+ 23.8
Community services	226.7	239.7	+ 5.7	5.3	4.6	- 13.2
Recreation, personal and other services	102.2	108.7	+ 6.4	7.2	9.6	+ 33.3
Brisbane Statistical Division	608.9	604.9	- 0.7	58.4	62.8	+ 7.5
Balance of Queensland	712.9	703.4	- 1.3	58.9	73.7	+ 25.1
Queensland	1,321.8	1,308.2	- 1.0	117.3	136.6	+ 16.5

Unemployment within most of the groups listed above increased between August 1990 and August 1991, resulting in a total increase for Queensland of 19,300. The total number of employed persons in Queensland decreased by 13,600 with significant changes occurring within some groups. Part-time employment increased by 11,100 over the year while full-time employment declined by 24,600.

Employment in the construction industry decreased by 10,100 during the year to August 1991. Employment in manufacturing industries decreased by 16,000, while employment in wholesale and retail trade increased by 15,400.

## TREND SERIES, QUEENSLAND



## SUMMARY OF FINDINGS – continued

## TREND SERIES, QUEENSLAND – continued



(a) Indicates break in series. Prior to April 1986 unpaid family helpers who worked 1 to 14 hours a week were defined as unemployed or not in the labour force. From April 1986 they were defined as employed persons.

## NOTES

This publication contains estimates of the civilian labour force, including estimates for Queensland regions, derived from the labour force survey part of the monthly population survey.

Explanatory Notes are located at the back of this publication.

TABLE 1 — LABOUR FORCE STATUS: ORIGINAL SERIES, QUEENSLAND

Month	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
MALES									
1990 —									
June	715.7	779.8	57.8	64.7	844.5	266.2	1,110.7	7.7	76.0
July	717.3	780.6	57.5	64.6	845.2	267.7	1,112.9	7.6	75.9
August	715.4	777.6	60.2	67.2	844.7	270.4	1,115.2	7.9	75.8
September	716.5	787.1	59.5	66.3	853.5	264.0	1,117.4	7.8	76.4
October	712.6	780.9	59.7	68.9	849.8	269.5	1,119.3	8.1	75.9
November	701.7	772.4	64.3	72.5	845.0	276.3	1,121.3	8.6	75.4
December	713.5	780.7	69.5	79.9	860.6	262.6	1,123.2	9.3	76.6
1991 —									
January	696.6	760.3	79.4	87.8	848.1	277.6	1,125.8	10.4	75.3
February	686.3	756.7	81.7	90.3	847.0	281.3	1,128.3	10.7	75.1
March	684.7	761.4	83.3	96.0	857.3	273.6	1,130.9	11.2	75.8
April	679.0	759.6	84.7	95.5	855.1	278.0	1,133.1	11.2	75.5
May	683.3	756.7	85.3	94.1	850.8	284.6	1,135.3	11.1	74.9
June	693.1	772.3	69.9	77.1	849.3	288.2	1,137.6	9.1	74.7
July	691.4	763.7	76.6	84.6	848.3	291.4	1,139.7	10.0	74.4
August	692.6	767.3	76.0	81.3	848.6	293.3	1,141.9	9.6	74.3
FEMALES									
1990 —									
June	322.2	551.5	34.3	47.9	599.4	530.6	1,130.0	8.0	53.0
July	316.6	545.0	34.5	47.6	592.6	539.8	1,132.4	8.0	52.3
August	311.8	544.2	36.4	50.2	594.4	540.4	1,134.8	8.4	52.4
September	324.8	554.3	34.4	50.3	604.6	532.6	1,137.2	8.3	53.2
October	316.0	550.4	31.5	48.1	598.5	540.8	1,139.3	8.0	52.5
November	321.6	550.8	31.4	46.2	596.9	544.3	1,141.3	7.7	52.3
December	318.6	545.0	44.7	59.5	604.5	538.8	1,143.3	9.8	52.9
1991 —									
January	314.4	522.4	38.8	53.8	576.2	569.8	1,146.0	9.3	50.3
February	311.5	531.7	45.1	64.0	595.6	552.9	1,148.6	10.7	51.9
March	315.7	539.9	42.5	64.6	604.5	546.7	1,151.2	10.7	52.5
April	317.9	541.6	46.1	68.9	610.5	543.1	1,153.5	11.3	52.9
May	318.3	541.0	43.7	61.4	602.4	553.5	1,155.9	10.2	52.1
June	314.2	543.6	41.5	56.4	600.0	558.2	1,158.2	9.4	51.8
July	314.3	538.5	44.1	59.1	597.6	562.8	1,160.5	9.9	51.5
August	310.0	540.9	41.3	55.3	596.2	566.5	1,162.7	9.3	51.3
PERSONS									
1990 —									
June	1,037.9	1,331.3	92.1	112.6	1,443.9	796.8	2,240.7	7.8	64.4
July	1,033.9	1,325.7	92.0	112.1	1,437.8	807.5	2,245.3	7.8	64.0
August	1,027.2	1,321.8	96.6	117.3	1,439.1	810.8	2,250.0	8.2	64.0
September	1,041.3	1,341.5	93.9	116.6	1,458.0	796.6	2,254.6	8.0	64.7
October	1,028.6	1,331.3	91.2	117.1	1,448.3	810.3	2,258.6	8.1	64.1
November	1,023.2	1,323.2	95.7	118.7	1,441.9	820.7	2,262.6	8.2	63.7
December	1,032.2	1,325.8	114.3	139.4	1,465.1	801.4	2,266.5	9.5	64.6
1991 —									
January	1,011.1	1,282.7	118.2	141.6	1,424.3	847.4	2,271.7	9.9	62.7
February	997.8	1,288.4	126.8	154.2	1,442.6	834.3	2,276.9	10.7	63.4
March	1,000.5	1,301.2	125.9	160.6	1,461.8	820.3	2,282.1	11.0	64.1
April	997.0	1,301.2	130.7	164.3	1,465.6	821.1	2,286.7	11.2	64.1
May	1,001.5	1,297.7	129.0	155.5	1,453.2	838.0	2,291.2	10.7	63.4
June	1,007.3	1,315.9	111.5	133.5	1,449.3	846.5	2,295.8	9.2	63.1
July	1,005.8	1,302.2	120.7	143.7	1,445.9	854.3	2,300.2	9.9	62.9
August	1,002.6	1,308.2	117.3	136.6	1,444.8	859.8	2,304.6	9.5	62.7

TABLE 2 — LABOUR FORCE STATUS: SEASONALLY ADJUSTED SERIES, QUEENSLAND

	<i>Employed</i>	<i>Unemployed</i>	<i>Labour force</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
<i>Month</i>	'000	'000	'000	%	%
MALES					
1990 —					
June	780.2	66.5	846.7	7.9	76.2
July	780.8	68.0	848.8	8.0	76.3
August	783.5	69.3	852.8	8.1	76.5
September	783.1	71.0	854.1	8.3	76.4
October	779.5	75.4	854.9	8.8	76.4
November	772.5	80.5	853.0	9.4	76.1
December	771.0	78.9	849.9	9.3	75.7
1991 —					
January	767.4	78.2	845.6	9.2	75.1
February	759.7	82.2	841.9	9.8	74.6
March	760.1	90.5	850.6	10.6	75.2
April	761.4	90.8	852.2	10.7	75.2
May	754.3	92.8	847.1	11.0	74.6
June	772.8	79.2	852.0	9.3	74.9
July	763.9	89.3	853.2	10.5	74.9
August	773.4	83.8	857.1	9.8	75.1
FEMALES					
1990 —					
June	547.1	50.3	597.3	8.4	52.9
July	545.2	51.5	596.7	8.6	52.7
August	547.3	54.6	601.8	9.1	53.0
September	546.2	50.3	596.6	8.4	52.5
October	549.2	53.1	602.2	8.8	52.9
November	543.3	52.1	595.4	8.8	52.2
December	542.2	55.8	598.0	9.3	52.3
1991 —					
January	545.1	54.0	599.1	9.0	52.3
February	538.3	55.6	593.9	9.4	51.7
March	539.4	56.7	596.1	9.5	51.8
April	539.8	64.5	604.2	10.7	52.4
May	534.5	61.9	596.4	10.4	51.6
June	539.2	59.2	598.4	9.9	51.7
July	538.7	64.1	602.7	10.6	51.9
August	543.9	60.1	604.1	10.0	52.0
PERSONS					
1990 —					
June	1,327.2	116.8	1,444.0	8.1	64.4
July	1,326.0	119.5	1,445.5	8.3	64.4
August	1,330.8	123.8	1,454.6	8.5	64.7
September	1,329.3	121.3	1,450.6	8.4	64.3
October	1,328.7	128.5	1,457.1	8.8	64.5
November	1,315.8	132.7	1,448.4	9.2	64.0
December	1,313.2	134.7	1,447.9	9.3	63.9
1991 —					
January	1,312.6	132.1	1,444.7	9.1	63.6
February	1,298.0	137.8	1,435.8	9.6	63.1
March	1,299.5	147.2	1,446.8	10.2	63.4
April	1,301.1	155.3	1,456.4	10.7	63.7
May	1,288.8	154.7	1,443.5	10.7	63.0
June	1,312.0	138.4	1,450.4	9.5	63.2
July	1,302.6	153.3	1,455.9	10.5	63.3
August	1,317.3	143.9	1,461.2	9.8	63.4

TABLE 3 — LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

Month	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	'000	'000	'000	%	%
MALES					
1990 —					
June	781.4	66.3	847.7	7.8	76.3
July	781.8	68.4	850.2	8.1	76.4
August	781.8	70.6	852.3	8.3	76.4
September	780.8	72.6	853.3	8.5	76.4
October	778.3	74.7	852.9	8.8	76.2
November	774.6	76.8	851.5	9.0	75.9
December	770.2	79.5	849.6	9.4	75.6
1991 —					
January	765.8	82.2	848.0	9.7	75.3
February	762.3	84.8	847.2	10.0	75.1
March	760.7	86.8	847.5	10.2	74.9
April	760.9	87.9	848.8	10.4	74.9
May	762.4	88.1	850.4	10.4	74.9
June	764.5	87.5	852.1	10.3	74.9
July	767.0	86.6	853.6	10.2	74.9
August	769.5	85.5	855.0	10.0	74.9
FEMALES					
1990 —					
June	544.6	49.4	593.9	8.3	52.6
July	546.2	50.7	596.9	8.5	52.7
August	546.9	51.8	598.8	8.7	52.8
September	546.9	52.6	599.5	8.8	52.7
October	546.3	52.9	599.1	8.8	52.6
November	545.2	53.1	598.3	8.9	52.4
December	543.7	53.9	597.6	9.0	52.3
1991 —					
January	542.1	55.2	597.2	9.2	52.1
February	540.4	56.9	597.2	9.5	52.0
March	539.0	58.6	597.6	9.8	51.9
April	538.4	60.0	598.4	10.0	51.9
May	538.3	61.1	599.4	10.2	51.9
June	538.7	61.8	600.4	10.3	51.8
July	539.4	62.1	601.5	10.3	51.8
August	540.5	62.2	602.7	10.3	51.8
PERSONS					
1990 —					
June	1,326.0	115.6	1,441.6	8.0	64.3
July	1,327.9	119.1	1,447.1	8.2	64.4
August	1,328.7	122.4	1,451.1	8.4	64.5
September	1,327.7	125.2	1,452.8	8.6	64.4
October	1,324.5	127.5	1,452.0	8.8	64.3
November	1,319.8	130.0	1,449.8	9.0	64.1
December	1,313.9	133.3	1,447.2	9.2	63.9
1991 —					
January	1,307.9	137.4	1,445.2	9.5	63.6
February	1,302.7	141.7	1,444.4	9.8	63.4
March	1,299.7	145.4	1,445.1	10.1	63.3
April	1,299.3	147.9	1,447.2	10.2	63.3
May	1,300.6	149.2	1,449.8	10.3	63.3
June	1,303.2	149.3	1,452.5	10.3	63.3
July	1,306.3	148.8	1,455.1	10.2	63.3
August	1,310.0	147.7	1,457.7	10.1	63.3



TABLE 4 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, JUNE 1991

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	314.6	36.4	351.0	32.4	383.4	125.8	8.4	75.3
Brisbane City Inner Ring	84.5	11.7	96.2	6.9	103.0	39.7	6.7	72.2
Brisbane City Outer Ring	97.9	10.7	108.6	10.1	118.8	43.8	8.5	73.1
South and East BSD Balance	62.6	6.9	69.4	7.6	77.1	17.1	9.9	81.8
North and West BSD Balance	69.7	7.1	76.8	7.7	84.5	25.2	9.1	77.0
<i>Balance of Queensland</i>	378.5	42.8	421.2	44.7	465.9	162.4	9.6	74.2
South and East Moreton	67.9	9.1	77.0	12.3	89.3	38.1	13.8	70.1
North and West Moreton	50.9	10.4	61.3	7.2	68.6	28.8	10.6	70.4
Wide Bay-Burnett	41.9	4.3	46.2	5.5	51.7	23.7	10.6	68.6
Darling Downs and South-West	47.4	3.4	50.8	2.4	53.2	22.2	4.5	70.5
Mackay, Fitzroy and Central-West	74.6	5.3	79.9	6.6	86.5	19.8	7.7	81.3
Northern and North-West	54.7	5.0	59.7	5.4	65.0	17.4	8.2	78.9
Far North	41.1	5.4	46.5	5.3	51.7	12.4	10.2	80.7
<b>Queensland</b>	<b>693.1</b>	<b>79.2</b>	<b>772.3</b>	<b>77.1</b>	<b>849.3</b>	<b>288.2</b>	<b>9.1</b>	<b>74.7</b>
FEMALES								
<i>Brisbane Statistical Division</i>	161.7	101.6	263.4	25.3	288.7	250.0	8.8	53.6
Brisbane City Inner Ring	55.4	28.1	83.5	4.6	88.1	74.5	5.2	54.2
Brisbane City Outer Ring	49.1	30.8	79.9	9.0	89.0	83.3	10.1	51.7
South and East BSD Balance	26.5	18.2	44.7	5.2	49.9	41.0	10.5	54.9
North and West BSD Balance	30.8	24.4	55.2	6.5	61.7	51.3	10.5	54.6
<i>Balance of Queensland</i>	152.5	127.8	280.2	31.1	311.3	308.2	10.0	50.3
South and East Moreton	31.3	24.6	55.8	7.7	63.5	60.5	12.1	51.2
North and West Moreton	20.5	19.5	40.1	4.9	45.0	51.5	11.0	46.6
Wide Bay-Burnett	16.2	15.6	31.9	* 2.9	34.8	44.0	* 8.3	44.1
Darling Downs and South-West	20.6	14.7	35.3	2.9	38.2	37.2	7.5	50.6
Mackay, Fitzroy and Central-West	24.6	23.8	48.3	5.5	53.8	46.9	10.1	53.4
Northern and North-West	22.4	17.7	40.0	4.1	44.1	36.8	9.3	54.5
Far North	16.9	11.9	28.8	3.2	32.0	31.3	9.9	50.6
<b>Queensland</b>	<b>314.2</b>	<b>229.4</b>	<b>543.6</b>	<b>56.4</b>	<b>600.0</b>	<b>558.2</b>	<b>9.4</b>	<b>51.8</b>
PERSONS								
<i>Brisbane Statistical Division</i>	476.3	138.1	614.4	57.7	672.0	375.9	8.6	64.1
Brisbane City Inner Ring	139.8	39.8	179.6	11.5	191.1	114.2	6.0	62.6
Brisbane City Outer Ring	147.0	41.6	188.6	19.2	207.7	127.0	9.2	62.0
South and East BSD Balance	89.0	25.1	114.1	12.9	127.0	58.1	10.1	68.6
North and West BSD Balance	100.4	31.6	132.0	14.2	146.2	76.5	9.7	65.6
<i>Balance of Queensland</i>	530.9	170.5	701.5	75.8	777.3	470.6	9.8	62.3
South and East Moreton	99.2	33.6	132.8	20.0	152.8	98.6	13.1	60.8
North and West Moreton	71.4	29.9	101.4	12.2	113.6	80.3	10.7	58.6
Wide Bay-Burnett	58.1	19.9	78.0	8.4	86.4	67.7	9.7	56.1
Darling Downs and South-West	68.0	18.1	86.1	5.3	91.3	59.4	5.8	60.6
Mackay, Fitzroy and Central-West	99.2	29.0	128.2	12.1	140.3	66.7	8.6	67.8
Northern and North-West	77.0	22.7	99.7	9.5	109.1	54.2	8.7	66.8
Far North	58.0	17.2	75.3	8.4	83.7	43.6	10.1	65.7
<b>Queensland</b>	<b>1,007.3</b>	<b>308.6</b>	<b>1,315.9</b>	<b>133.5</b>	<b>1,449.3</b>	<b>846.5</b>	<b>9.2</b>	<b>63.1</b>

TABLE 5 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, JULY 1991

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000					
MALES								
Brisbane Statistical Division	312.8	30.1	342.8	38.2	381.1	128.9	10.0	74.7
Brisbane City Inner Ring	85.3	8.4	93.7	9.6	103.2	40.5	9.3	71.8
Brisbane City Outer Ring	96.7	10.6	107.3	11.0	118.3	45.2	9.3	72.4
South and East BSD Balance	62.0	5.6	67.7	8.3	76.0	18.9	10.9	80.1
North and West BSD Balance	68.8	5.4	74.2	9.4	83.6	24.3	11.2	77.5
Balance of Queensland	378.7	42.2	420.8	46.4	467.2	162.5	9.9	74.2
South and East Moreton	71.6	9.9	81.5	12.9	94.5	39.6	13.7	70.5
North and West Moreton	49.2	8.4	57.7	6.4	64.1	26.9	10.0	70.4
Wide Bay-Burnett	42.5	3.4	45.9	5.0	50.9	24.6	9.8	67.4
Darling Downs and South-West	46.8	5.4	52.2	4.4	56.6	19.0	7.8	74.9
Mackay, Fitzroy and Central-West	78.2	5.6	83.8	7.0	90.8	21.1	7.7	81.2
Northern and North-West	52.9	5.0	57.8	3.7	61.5	18.0	6.0	77.4
Far North	37.4	4.5	41.9	7.0	48.9	13.4	14.2	78.5
Queensland	691.4	72.2	763.7	84.6	848.3	291.4	10.0	74.4
FEMALES								
Brisbane Statistical Division	162.3	96.3	258.6	29.2	287.8	251.6	10.1	53.4
Brisbane City Inner Ring	54.4	26.9	81.3	6.4	87.7	75.5	7.3	53.7
Brisbane City Outer Ring	48.2	29.4	77.6	9.1	86.8	86.3	10.5	50.1
South and East BSD Balance	27.3	18.1	45.4	6.6	52.1	38.4	12.8	57.6
North and West BSD Balance	32.3	22.0	54.3	6.9	61.2	51.4	11.4	54.3
Balance of Queensland	152.0	127.9	279.9	29.9	309.8	311.3	9.7	49.9
South and East Moreton	32.2	27.5	59.7	7.0	66.7	63.0	10.5	51.4
North and West Moreton	21.1	17.4	38.5	4.9	43.5	51.5	11.3	45.8
Wide Bay-Burnett	15.2	15.1	30.4	3.4	33.8	43.0	10.1	44.0
Darling Downs and South-West	18.8	15.9	34.7	2.6	37.2	37.3	6.9	49.9
Mackay, Fitzroy and Central-West	23.5	24.4	47.9	5.0	52.9	47.8	9.4	52.5
Northern and North-West	23.2	16.1	39.3	3.5	42.8	37.6	8.1	53.2
Far North	17.9	11.5	29.4	3.6	32.9	31.0	10.8	51.5
Queensland	314.3	224.2	538.5	59.1	597.6	562.8	9.9	51.5
PERSONS								
Brisbane Statistical Division	475.1	126.4	601.5	67.4	668.9	380.5	10.1	63.7
Brisbane City Inner Ring	139.7	35.3	175.0	16.0	191.0	116.0	8.4	62.2
Brisbane City Outer Ring	144.9	40.0	185.0	20.1	205.1	131.4	9.8	60.9
South and East BSD Balance	89.4	23.7	113.1	14.9	128.0	57.3	11.7	69.1
North and West BSD Balance	101.1	27.4	128.4	16.3	144.8	75.8	11.3	65.6
Balance of Queensland	530.7	170.0	700.7	76.3	777.0	473.8	9.8	62.1
South and East Moreton	103.8	37.4	141.2	20.0	161.2	102.6	12.4	61.1
North and West Moreton	70.4	25.9	96.2	11.3	107.6	78.4	10.5	57.8
Wide Bay-Burnett	57.7	18.5	76.2	8.4	84.6	67.6	9.9	55.6
Darling Downs and South-West	65.6	21.3	86.9	7.0	93.8	56.3	7.4	62.5
Mackay, Fitzroy and Central-West	101.8	30.0	131.7	12.0	143.7	68.9	8.3	67.6
Northern and North-West	76.1	21.1	97.2	7.1	104.3	55.6	6.8	65.2
Far North	55.3	16.0	71.3	10.5	81.8	44.4	12.9	64.8
Queensland	1,005.8	296.4	1,302.2	143.7	1,445.9	854.3	9.9	62.9

TABLE 6 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, AUGUST 1991

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	313.2	35.0	348.2	35.2	383.4	127.3	9.2	75.1
Brisbane City Inner Ring	85.9	10.9	96.8	9.0	105.7	39.1	8.5	73.0
Brisbane City Outer Ring	96.8	11.3	108.1	9.4	117.4	44.6	8.0	72.5
South and East BSD Balance	61.2	6.9	68.1	8.0	76.0	17.3	10.5	81.4
North and West BSD Balance	69.4	5.9	75.3	8.9	84.2	26.2	10.6	76.2
<i>Balance of Queensland</i>	379.4	39.8	419.1	46.0	465.2	166.0	9.9	73.7
South and East Moreton	69.4	9.1	78.5	12.8	91.4	38.6	14.0	70.3
North and West Moreton	50.0	8.2	58.1	6.7	64.8	27.6	10.3	70.2
Wide Bay-Burnett	41.0	3.3	44.3	6.2	50.5	24.9	12.2	66.9
Darling Downs and South-West	48.1	5.7	53.8	3.1	56.8	21.2	5.4	72.8
Mackay, Fitzroy and Central-West	77.4	6.2	83.7	6.1	89.8	21.8	6.8	80.4
Northern and North-West	54.7	3.7	58.4	5.9	64.4	19.0	9.2	77.2
Far North	38.8	3.5	42.3	5.3	47.6	12.8	11.1	78.7
<b>Queensland</b>	<b>692.6</b>	<b>74.7</b>	<b>767.3</b>	<b>81.3</b>	<b>848.6</b>	<b>293.3</b>	<b>9.6</b>	<b>74.3</b>
FEMALES								
<i>Brisbane Statistical Division</i>	157.7	99.0	256.7	27.6	284.3	255.8	9.7	52.6
Brisbane City Inner Ring	53.4	26.1	79.4	7.1	86.5	77.5	8.2	52.7
Brisbane City Outer Ring	46.4	30.7	77.1	8.3	85.3	87.7	9.7	49.3
South and East BSD Balance	28.8	18.9	47.6	5.2	52.8	38.6	9.8	57.8
North and West BSD Balance	29.1	23.4	52.5	7.1	59.7	52.1	11.9	53.4
<i>Balance of Queensland</i>	152.3	131.9	284.2	27.7	311.9	310.7	8.9	50.1
South and East Moreton	31.8	28.0	59.8	7.2	67.1	60.3	10.8	52.6
North and West Moreton	21.2	18.2	39.4	4.8	44.2	52.4	10.9	45.8
Wide Bay-Burnett	15.1	14.9	30.0	* 2.5	32.5	45.1	* 7.7	41.9
Darling Downs and South-West	18.3	16.5	34.8	* 1.5	36.3	38.6	* 4.1	48.5
Mackay, Fitzroy and Central-West	23.1	25.9	49.0	4.9	53.9	48.0	9.0	52.9
Northern and North-West	24.8	16.3	41.1	3.9	45.0	38.2	8.7	54.1
Far North	18.1	12.1	30.1	* 2.8	33.0	28.2	* 8.6	53.9
<b>Queensland</b>	<b>310.0</b>	<b>230.9</b>	<b>540.9</b>	<b>55.3</b>	<b>596.2</b>	<b>566.5</b>	<b>9.3</b>	<b>51.3</b>
PERSONS								
<i>Brisbane Statistical Division</i>	470.9	134.0	604.9	62.8	667.7	383.1	9.4	63.5
Brisbane City Inner Ring	139.2	37.0	176.2	16.1	192.3	116.7	8.4	62.2
Brisbane City Outer Ring	143.2	42.0	185.2	17.6	202.8	132.3	8.7	60.5
South and East BSD Balance	89.9	25.8	115.7	13.1	128.8	55.9	10.2	69.7
North and West BSD Balance	98.5	29.3	127.8	16.0	143.8	78.3	11.1	64.8
<i>Balance of Queensland</i>	531.7	171.7	703.4	73.7	777.1	476.7	9.5	62.0
South and East Moreton	101.2	37.1	138.3	20.1	158.4	98.9	12.7	61.6
North and West Moreton	71.1	26.4	97.5	11.5	109.0	79.9	10.5	57.7
Wide Bay-Burnett	56.1	18.2	74.3	8.7	83.0	70.0	10.5	54.2
Darling Downs and South-West	66.4	22.2	88.6	4.6	93.1	59.8	4.9	60.9
Mackay, Fitzroy and Central-West	100.5	32.2	132.7	11.0	143.7	69.8	7.6	67.3
Northern and North-West	79.5	20.0	99.5	9.9	109.4	57.2	9.0	65.7
Far North	56.8	15.6	72.4	8.1	80.5	41.0	10.1	66.3
<b>Queensland</b>	<b>1,002.6</b>	<b>305.7</b>	<b>1,308.2</b>	<b>136.6</b>	<b>1,444.8</b>	<b>859.8</b>	<b>9.5</b>	<b>62.7</b>

TABLE 7 — LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, AUGUST 1991

Age group (years)	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000					
BRISBANE CITY INNER RING								
15-24	28.7	13.7	42.5	8.0	50.4	21.5	15.8	70.1
15-19	5.5	7.7	13.2	3.0	16.2	13.5	18.7	54.6
20-24	23.2	6.0	29.3	5.0	34.2	8.1	14.5	80.9
25-44	76.6	14.4	91.0	5.7	96.7	19.4	5.9	83.3
45 and over	33.9	8.8	42.8	2.3	45.1	75.7	5.2	37.3
Total	139.2	37.0	176.2	16.1	192.3	116.7	8.4	62.2
BRISBANE CITY OUTER RING								
15-24	24.1	12.5	36.6	8.6	45.2	22.0	19.1	67.3
15-19	7.1	9.2	16.3	4.1	20.4	15.8	20.1	56.3
20-24	17.0	3.3	20.3	4.5	24.8	6.2	18.2	80.0
25-44	74.3	15.0	89.3	6.5	95.8	24.1	6.8	79.9
45 and over	44.8	14.5	59.3	2.5	61.8	86.1	4.1	41.8
Total	143.2	42.0	185.2	17.6	202.8	132.3	8.7	60.5
SOUTH AND EAST BSD BALANCE								
15-24	17.9	6.8	24.7	6.0	30.7	13.0	19.5	70.3
15-19	6.0	4.8	10.9	3.4	14.3	10.3	24.1	58.2
20-24	11.8	* 2.0	13.9	2.6	16.4	2.7	15.6	86.0
25-44	52.0	13.1	65.2	5.1	70.2	16.3	7.2	81.2
45 and over	20.0	5.8	25.8	* 2.1	27.9	26.7	* 7.4	51.1
Total	89.9	25.8	115.7	13.1	128.8	55.9	10.2	69.7
NORTH AND WEST BSD BALANCE								
15-24	20.7	10.1	30.8	6.9	37.8	12.2	18.4	75.6
15-19	5.7	7.2	12.9	3.8	16.7	10.1	22.8	62.3
20-24	15.0	2.9	17.9	3.1	21.1	* 2.1	14.9	90.9
25-44	55.6	13.9	69.5	6.0	75.5	20.2	8.0	78.9
45 and over	22.2	5.3	27.5	3.1	30.5	45.8	10.0	40.0
Total	98.5	29.3	127.8	16.0	143.8	78.3	11.1	64.8
BRISBANE STATISTICAL DIVISION								
15-24	91.4	43.2	134.6	29.5	164.2	68.7	18.0	70.5
15-19	24.3	28.9	53.2	14.4	67.6	49.7	21.3	57.6
20-24	67.1	14.3	81.4	15.2	96.6	19.1	15.7	83.5
25-44	258.5	56.4	315.0	23.3	338.2	80.1	6.9	80.9
45 and over	120.9	34.4	155.3	10.0	165.3	234.4	6.0	41.4
Total	470.9	134.0	604.9	62.8	667.7	383.1	9.4	63.5
SOUTH AND EAST MORETON								
15-24	23.8	11.1	34.9	7.6	42.5	12.4	18.0	77.4
15-19	6.0	8.0	14.0	4.0	18.0	8.2	22.2	68.7
20-24	17.8	3.1	20.9	3.6	24.5	4.2	14.8	85.3
25-44	52.1	14.8	66.9	8.8	75.8	18.1	11.7	80.7
45 and over	25.4	11.2	36.5	3.6	40.1	68.4	9.0	37.0
Total	101.2	37.1	138.3	20.1	158.4	98.9	12.7	61.6
NORTH AND WEST MORETON								
15-24	12.9	6.9	19.9	3.2	23.1	9.3	14.0	71.4
15-19	4.0	5.3	9.3	* 1.3	10.6	5.8	* 11.9	64.7
20-24	8.9	* 1.6	10.6	* 2.0	12.5	3.5	* 15.7	78.2
25-44	35.0	10.9	46.0	5.7	51.6	13.9	11.0	78.8
45 and over	23.1	8.5	31.7	2.6	34.2	56.7	7.5	37.6
Total	71.1	26.4	97.5	11.5	109.0	79.9	10.5	57.7



TABLE 7 — LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, AUGUST 1991—continued

Age group (years)	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000					
WIDE BAY-BURNETT								
15-24	11.5	3.7	15.1	* 2.2	17.3	9.5	* 12.7	64.6
15-19	4.4	* 2.9	7.4	* 0.8	8.2	7.2	* 9.8	53.4
20-24	7.0	* 0.7	7.8	* 1.4	9.1	* 2.3	* 15.2	79.8
25-44	30.2	10.2	40.3	3.9	44.2	14.4	8.7	75.4
45 and over	14.5	4.3	18.8	* 2.6	21.4	46.1	* 12.2	31.7
Total	56.1	18.2	74.3	8.7	83.0	70.0	10.5	54.2
DARLING DOWNS AND SOUTH-WEST								
15-24	12.4	5.4	17.8	* 2.3	20.0	10.7	* 11.3	65.1
15-19	3.3	3.6	6.9	* 2.0	8.9	7.9	* 22.5	53.1
20-24	9.0	* 1.8	10.8	* 0.3	11.1	2.9	* 2.3	79.6
25-44	32.9	9.3	42.2	* 1.8	44.0	12.1	* 4.0	78.4
45 and over	21.1	7.5	28.6	* 0.5	29.1	37.0	* 1.8	44.1
Total	66.4	22.2	88.6	4.6	93.1	59.8	4.9	60.9
MACKAY, FITZROY AND CENTRAL-WEST								
15-24	16.5	8.4	25.0	5.8	30.8	16.6	18.9	65.0
15-19	4.1	6.4	10.5	* 2.1	12.6	11.2	* 16.8	53.0
20-24	12.5	* 2.0	14.5	3.7	18.2	5.4	20.3	77.1
25-44	58.0	16.6	74.6	4.6	79.2	17.6	5.8	81.8
45 and over	26.0	7.2	33.2	* 0.5	33.7	35.7	* 1.6	48.6
Total	100.5	32.2	132.7	11.0	143.7	69.8	7.6	67.3
NORTHERN AND NORTH-WEST								
15-24	17.9	5.9	23.8	6.2	30.0	13.2	20.6	69.5
15-19	5.9	3.8	9.7	2.7	12.4	7.5	21.7	62.2
20-24	12.0	2.1	14.2	3.5	17.6	5.7	19.8	75.6
25-44	44.4	10.0	54.4	2.8	57.2	15.1	4.9	79.2
45 and over	17.1	4.1	21.2	* 0.9	22.1	28.9	* 4.1	43.4
Total	79.5	20.0	99.5	9.9	109.4	57.2	9.0	65.7
FAR NORTH								
15-24	9.5	3.8	13.3	3.2	16.5	6.9	19.2	70.6
15-19	3.0	* 2.9	5.9	* 1.1	7.0	4.1	* 15.8	63.0
20-24	6.5	* 0.9	7.4	* 2.0	9.4	* 2.7	* 21.7	77.6
25-44	34.4	8.7	43.1	3.3	46.4	10.5	7.2	81.5
45 and over	12.9	3.1	16.0	* 1.6	17.6	23.6	* 9.3	42.8
Total	56.8	15.6	72.4	8.1	80.5	41.0	10.1	66.3
BALANCE OF QUEENSLAND								
15-24	104.5	45.2	149.8	30.5	180.2	78.5	16.9	69.7
15-19	30.7	32.9	63.7	14.0	77.7	51.8	18.0	60.0
20-24	73.8	12.3	86.1	16.5	102.6	26.7	16.1	79.3
25-44	287.1	80.5	367.5	30.9	398.4	101.7	7.8	79.7
45 and over	140.1	45.9	186.0	12.4	198.4	296.4	6.2	40.1
Total	531.7	171.7	703.4	73.7	777.1	476.7	9.5	62.0
QUEENSLAND								
15-24	196.0	88.4	284.4	60.0	344.4	147.2	17.4	70.0
15-19	55.1	61.8	116.9	28.3	145.2	101.5	19.5	58.9
20-24	140.9	26.6	167.5	31.7	199.2	45.8	15.9	81.3
25-44	545.6	136.9	682.5	54.2	736.7	181.8	7.4	80.2
45 and over	261.0	80.3	341.3	22.4	363.7	530.8	6.2	40.7
Total	1,002.6	305.7	1,308.2	136.6	1,444.8	859.8	9.5	62.7

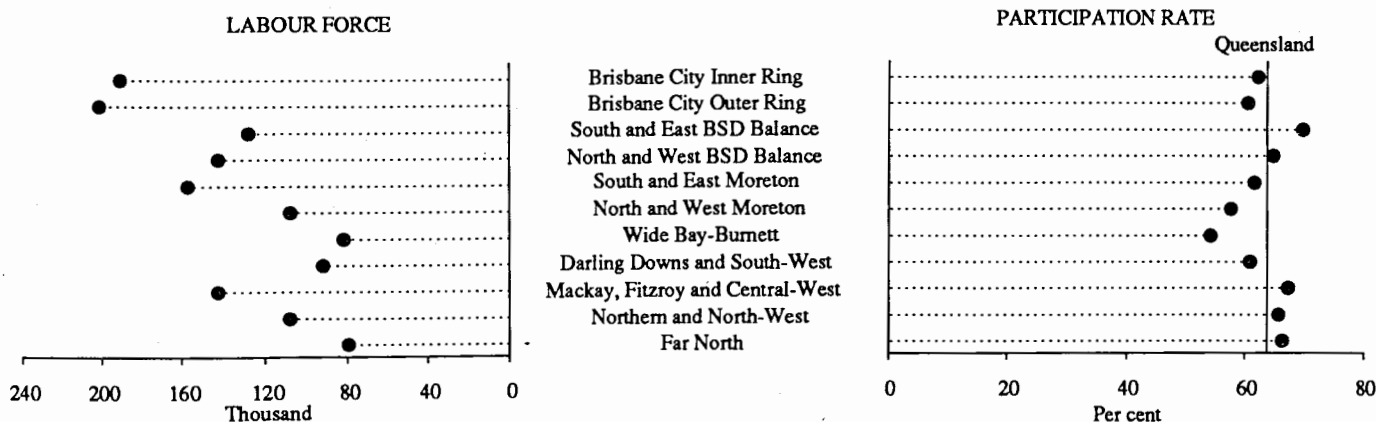
TABLE 8 — LABOUR FORCE STATUS: MARITAL STATUS, QUEENSLAND, AUGUST 1991

Marital status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
Males									
Married	477.9	508.4	32.1	33.5	541.9	157.1	699.1	6.2	77.5
Not married	214.7	258.9	43.9	47.8	306.6	136.2	442.8	15.6	69.2
Females									
Married	174.3	338.2	14.6	21.6	359.8	334.2	694.0	6.0	51.8
Not married	135.7	202.7	26.7	33.7	236.4	232.3	468.7	14.3	50.4
Persons									
Married	652.2	846.6	46.7	55.1	901.7	491.3	1,393.0	6.1	64.7
Not married	350.3	461.6	70.6	81.4	543.1	368.5	911.5	15.0	59.6

TABLE 9 — LABOUR FORCE STATUS: BIRTHPLACE AND PERIOD OF ARRIVAL, QUEENSLAND, AUGUST 1991

					Civilian population aged 15 years and over	Unem- ployment rate	Partici- pation rate
	Employed	Unemployed	Labour force	Not in labour force			
Birthplace and period of arrival	'000	'000	'000	'000	'000	%	%
Birthplace							
Born in Australia	1,059.6	103.9	1,163.5	632.3	1,795.8	8.9	64.8
Born outside Australia	248.6	32.6	281.3	189.2	470.4	11.6	59.8
Oceania	68.6	7.9	76.5	26.2	102.7	10.3	74.5
New Zealand	60.7	4.9	65.6	18.7	84.3	7.5	77.8
Europe and the USSR	134.1	17.2	151.3	121.7	273.0	11.4	55.4
UK and Ireland	91.0	10.9	101.9	71.6	173.5	10.7	58.7
The Middle East and North Africa	* 1.5	* 0.2	* 1.7	* 2.6	4.3	* 12.4	* 40.3
Southeast Asia	16.2	3.3	19.6	15.1	34.6	17.0	56.4
Northeast Asia	8.3	* 0.5	8.8	11.2	20.0	* 5.8	44.1
The Americas	9.4	* 1.2	10.6	5.3	15.9	* 11.6	66.8
Other	10.5	* 2.2	12.8	7.1	19.8	* 17.6	64.4
Period of arrival							
Before 1971	96.0	10.6	106.6	105.5	212.1	9.9	50.3
1971-1975	36.1	3.0	39.1	14.4	53.5	7.6	73.1
1976-1980	37.2	5.1	42.2	14.5	56.8	12.0	74.4
1981-1985	30.7	4.1	34.8	18.1	52.9	11.9	65.8
1986-1989	38.5	6.7	45.2	27.4	72.6	14.8	62.3
1990 to survey date	10.1	3.2	13.3	9.3	22.6	23.9	58.8

DIAGRAM 1 - LABOUR FORCE AND LABOUR FORCE PARTICIPATION RATES BY REGION, QUEENSLAND, AUGUST 1991



**TABLE 10 — LABOUR FORCE STATUS: PERSONS AGED 15 TO 19 YEARS BY FULL-TIME ATTENDANCE AT AN EDUCATIONAL INSTITUTION, QUEENSLAND, AUGUST 1991**

Sex	Employed			Unemployed	Labour force	Not in labour force	Civilian population aged 15 to 19 years	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
	'000	'000	'000	'000	'000	'000	'000	%	%
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	31.0	7.1	38.1	11.6	49.7	3.0	52.6	23.3	94.4
Females	22.2	9.7	32.0	8.2	40.1	6.1	46.2	20.4	86.8
Persons	53.3	16.8	70.1	19.7	89.8	9.1	98.9	22.0	90.8
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 1.1	4.8	5.9	* 1.3	7.2	7.3	14.5	* 17.8	49.6
Females	* 0.3	8.5	8.8	* 1.5	10.3	7.5	17.7	* 14.4	57.8
Persons	* 1.4	13.3	14.7	* 2.8	17.5	14.8	32.3	* 15.8	54.1
ATTENDING SCHOOL									
Males	* 0.2	13.6	13.8	* 2.8	16.6	42.3	58.9	* 16.9	28.2
Females	* 0.2	18.1	18.3	3.1	21.3	35.3	56.6	14.3	37.7
Persons	* 0.4	31.7	32.1	5.9	37.9	77.6	115.6	15.4	32.8
TOTAL									
Males	32.3	25.5	57.9	15.6	73.5	52.6	126.1	21.3	58.3
Females	22.8	36.3	59.0	12.7	71.7	48.9	120.6	17.7	59.5
Persons	55.1	61.8	116.9	28.3	145.2	101.5	246.7	19.5	58.9

**TABLE 11 — LABOUR FORCE STATUS: PERSONS AGED 20 TO 24 YEARS BY FULL-TIME ATTENDANCE AT A TERTIARY INSTITUTION, QUEENSLAND, AUGUST 1991**

Sex	Employed			Unemployed	Labour force	Not in labour force	Civilian population aged 20 to 24 years	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
	'000	'000	'000	'000	'000	'000	'000	%	%
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	83.1	5.1	88.2	17.0	105.3	5.7	111.0	16.2	94.9
Females	57.1	13.4	70.5	13.0	83.5	23.9	107.4	15.5	77.7
Persons	140.2	18.5	158.7	30.0	188.7	29.6	218.3	15.9	86.4
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 0.6	4.4	5.0	* 0.5	5.5	7.5	13.0	* 9.1	42.4
Females	* 0.2	3.6	3.8	* 1.1	4.9	8.7	13.6	* 23.0	36.2
Persons	* 0.7	8.1	8.8	* 1.6	10.4	16.2	26.6	* 15.7	39.2
TOTAL									
Males	83.6	9.6	93.2	17.5	110.8	13.2	123.9	15.8	89.4
Females	57.3	17.0	74.3	14.1	88.4	32.6	121.0	16.0	73.1
Persons	140.9	26.6	167.5	31.7	199.2	45.8	244.9	15.9	81.3

TABLE 12 — LABOUR FORCE STATUS: FAMILY STATUS, QUEENSLAND, AUGUST 1991

Family status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
MALES									
Member of a family	562.7	623.8	53.4	58.0	681.8	209.2	890.9	8.5	76.5
Husband	458.9	487.5	30.4	31.9	519.4	140.7	660.1	6.1	78.7
With children aged 0-14 years present	251.8	261.5	16.1	17.0	278.5	11.9	290.4	6.1	95.9
Without children aged 0-14 years present	207.2	226.0	14.3	14.8	240.9	128.8	369.7	6.2	65.2
Not-married family head	12.3	14.0	* 1.8	* 2.0	16.0	7.6	23.6	* 12.7	67.8
With children aged 0-14 years present	4.5	4.8	* 1.2	* 1.4	6.2	* 1.6	7.8	* 22.7	79.9
Without children aged 0-14 years present	7.8	9.2	* 0.6	* 0.6	9.8	6.0	15.8	* 6.2	61.9
Full-time student aged 15-24 years (a)	* 0.9	21.5	* 1.4	3.8	25.4	43.9	69.2	15.1	36.6
Other child of family head	81.4	91.3	16.6	17.1	108.4	11.3	119.8	15.8	90.5
Other relative of family head	9.2	9.5	3.1	3.1	12.6	5.6	18.2	24.9	69.1
Not a member of a family	93.8	102.9	15.8	16.5	119.4	43.7	163.1	13.8	73.2
Living alone	38.6	41.8	4.8	4.8	46.5	30.1	76.7	10.2	60.7
Not living alone	55.2	61.1	11.0	11.7	72.9	13.6	86.5	16.1	84.3
Total	656.5	726.7	69.2	74.5	801.2	252.9	1,054.1	9.3	76.0
FEMALES									
Member of a family	242.3	451.5	32.4	44.6	496.1	423.0	919.1	9.0	54.0
Wife	164.3	321.7	13.9	20.2	341.9	309.5	651.5	5.9	52.5
With children aged 0-14 years present	58.5	150.9	5.6	10.7	161.6	122.0	283.6	6.6	57.0
Without children aged 0-14 years present	105.7	170.8	8.3	9.6	180.4	187.5	367.9	5.3	49.0
Not-married family head	24.9	39.5	4.7	6.3	45.8	55.3	101.1	13.8	45.3
With children aged 0-14 years present	11.6	20.6	* 2.4	3.9	24.5	29.1	53.6	16.1	45.8
Without children aged 0-14 years present	13.2	18.9	* 2.2	* 2.4	21.3	26.2	47.5	* 11.3	44.8
Full-time student aged 15-24 years (a)	* 0.5	26.1	* 0.9	4.9	31.0	38.1	69.1	15.9	44.9
Other child of family head	47.0	58.0	9.9	10.0	68.1	6.5	74.6	14.8	91.3
Other relative of family head	5.6	6.2	3.0	3.0	9.3	13.6	22.8	32.6	40.6
Not a member of a family	50.5	62.5	6.2	7.3	69.7	83.5	153.3	10.5	45.5
Living alone	20.6	24.1	* 1.4	* 1.7	25.8	70.2	96.0	* 6.7	26.9
Not living alone	29.9	38.4	4.9	5.6	43.9	13.3	57.2	12.7	76.8
Total	292.7	514.0	38.6	51.9	565.9	506.5	1,072.4	9.2	52.8



TABLE 12 — LABOUR FORCE STATUS: FAMILY STATUS, QUEENSLAND, AUGUST 1991—continued

Family status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
PERSONS									
Member of a family	805.0	1,075.3	85.8	102.6	1,177.9	632.1	1,810.0	8.7	65.1
Husband or wife	623.2	809.2	44.4	52.1	861.3	450.3	1,311.6	6.0	65.7
With children aged 0-14 years present	310.3	412.4	21.7	27.7	440.1	133.9	573.9	6.3	76.7
Without children aged 0-14 years present	312.9	396.8	22.6	24.4	421.2	316.4	737.6	5.8	57.1
Not-married family head	37.1	53.5	6.5	8.4	61.8	62.9	124.7	13.5	49.6
With children aged 0-14 years present	16.1	25.4	3.6	5.4	30.8	30.6	61.4	17.4	50.1
Without children aged 0-14 years present	21.0	28.1	* 2.8	3.0	31.1	32.2	63.3	9.7	49.1
Full-time student aged 15-24 years (a)	* 1.4	47.6	* 2.3	8.8	56.4	82.0	138.4	15.6	40.8
Other child of family head	128.4	149.3	26.5	27.2	176.5	17.8	194.3	15.4	90.8
Other relative of family head	14.8	15.7	6.2	6.2	21.9	19.2	41.1	28.2	53.2
Not a member of a family	144.3	165.4	22.0	23.8	189.1	127.2	316.4	12.6	59.8
Living alone	59.2	65.8	6.1	6.5	72.3	100.4	172.7	9.0	41.9
Not living alone	85.1	99.5	15.9	17.3	116.8	26.9	143.7	14.8	81.3
Total	949.3	1,240.7	107.8	126.4	1,367.0	759.4	2,126.4	9.2	64.3
Usual resident of a private dwelling where family status was not determined	21.5	29.0	* 1.8	* 2.1	31.2	14.6	45.7	* 6.9	68.1
Total usual residents of private dwellings	970.7	1,269.7	109.6	128.5	1,398.2	773.9	2,172.2	9.2	64.4
Visitors to private dwellings	9.8	12.2	* 2.6	3.0	15.2	24.1	39.2	19.6	38.6
Persons enumerated in non-private dwellings	22.1	26.3	5.1	5.1	31.4	61.8	93.2	16.1	33.7
TOTAL	1,002.6	1,308.2	117.3	136.6	1,444.8	859.8	2,304.6	9.5	62.7

(a) Excluding persons aged 20 to 24 years attending school.

DIAGRAM 2 - LABOUR FORCE PARTICIPATION RATE BY FAMILY STATUS, QUEENSLAND, AUGUST 1991

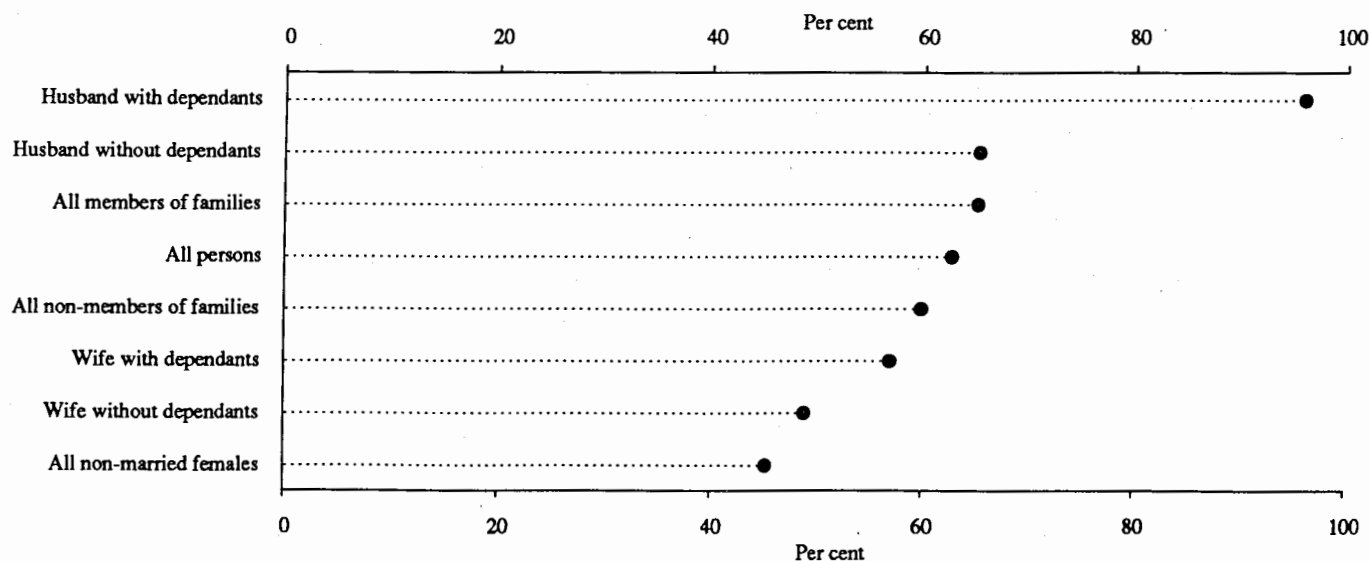


TABLE 13 — EMPLOYED PERSONS: FULL-TIME OR PART-TIME STATUS, QUEENSLAND

Month	Females									
	Males		Married		Not married		Total		Persons	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
'000										
1990 —										
June	715.7	64.1	183.6	164.1	138.6	65.2	322.2	229.3	1,037.9	293.4
July	717.3	63.3	178.3	161.4	138.3	67.0	316.6	228.4	1,033.9	291.8
August	715.4	62.2	174.8	162.7	137.0	69.7	311.8	232.4	1,027.2	294.6
September	716.5	70.6	182.3	159.1	142.4	70.4	324.8	229.6	1,041.3	300.2
October	712.6	68.3	180.1	164.2	135.9	70.2	316.0	234.4	1,028.6	302.7
November	701.7	70.8	182.8	159.5	138.8	69.7	321.6	229.2	1,023.2	299.9
December	713.5	67.2	176.9	155.9	141.7	70.5	318.6	226.4	1,032.2	293.6
1991 —										
January	696.6	63.7	177.7	138.4	136.7	69.6	314.4	208.0	1,011.1	271.7
February	686.3	70.4	172.2	153.0	139.3	67.1	311.5	220.2	997.8	290.6
March	684.7	76.6	175.3	152.7	140.4	71.4	315.7	224.1	1,000.5	300.8
April	679.0	80.6	175.4	151.9	142.6	71.8	317.9	223.7	997.0	304.2
May	683.3	73.5	176.3	156.0	142.0	66.7	318.3	222.7	1,001.5	296.2
June	693.1	79.2	174.1	164.5	140.1	64.9	314.2	229.4	1,007.3	308.6
July	691.4	72.2	178.5	158.5	135.9	65.7	314.3	224.2	1,005.8	296.4
August	692.6	74.7	174.3	163.8	135.7	67.1	310.0	230.9	1,002.6	305.7

## PER CENT (a)

1990 —										
June	91.8	8.2	52.8	47.2	68.0	32.0	58.4	41.6	78.0	22.0
July	91.9	8.1	52.5	47.5	67.3	32.7	58.1	41.9	78.0	22.0
August	92.0	8.0	51.8	48.2	66.3	33.7	57.3	42.7	77.7	22.3
September	91.0	9.0	53.4	46.6	66.9	33.1	58.6	41.4	77.6	22.4
October	91.3	8.7	52.3	47.7	65.9	34.1	57.4	42.6	77.3	22.7
November	90.8	9.2	53.4	46.6	66.6	33.4	58.4	41.6	77.3	22.7
December	91.4	8.6	53.2	46.8	66.8	33.2	58.5	41.5	77.9	22.1
1991 —										
January	91.6	8.4	56.2	43.8	66.2	33.8	60.2	39.8	78.8	21.2
February	90.7	9.3	52.9	47.1	67.5	32.5	58.6	41.4	77.4	22.6
March	89.9	10.1	53.5	46.5	66.3	33.7	58.5	41.5	76.9	23.1
April	89.4	10.6	53.6	46.4	66.5	33.5	58.7	41.3	76.6	23.4
May	90.3	9.7	53.0	47.0	68.0	32.0	58.8	41.2	77.2	22.8
June	89.7	10.3	51.4	48.6	68.3	31.7	57.8	42.2	76.5	23.5
July	90.5	9.5	53.0	47.0	67.4	32.6	58.4	41.6	77.2	22.8
August	90.3	9.7	51.5	48.5	66.9	33.1	57.3	42.7	76.6	23.4

(a) Full-time and part-time as a proportion of employed persons in each category.

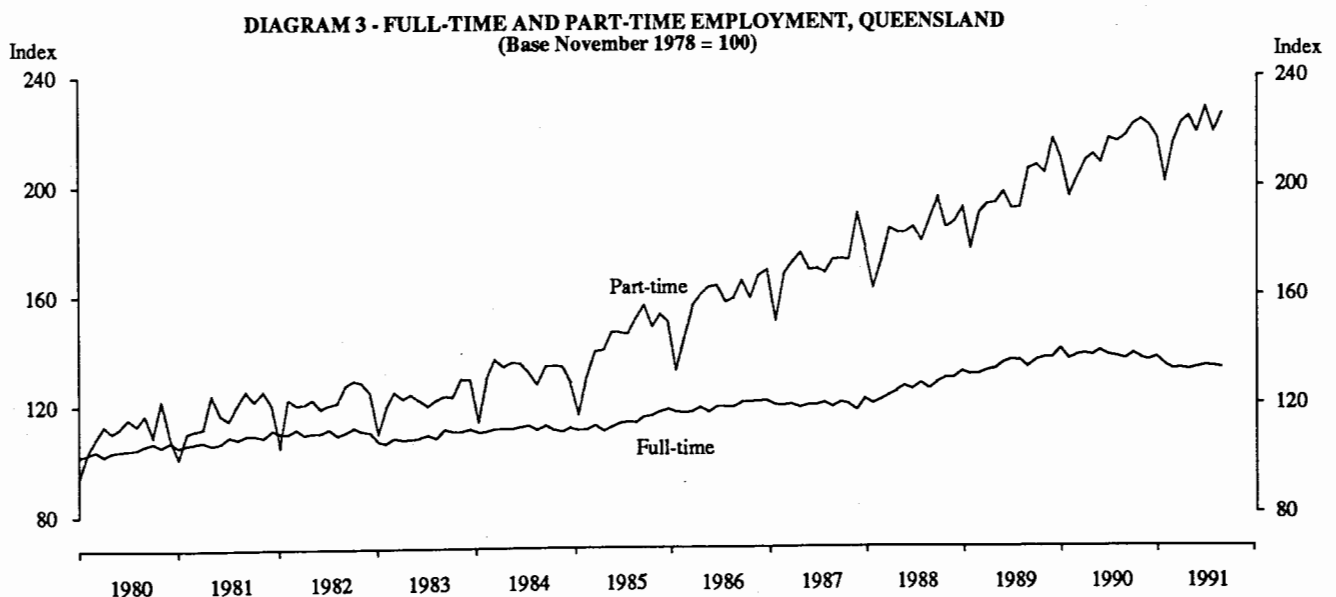


TABLE 14 — EMPLOYED PERSONS: HOURS WORKED, QUEENSLAND, AUGUST 1991  
(’000)

Hours worked	Males	Females			Persons
		Married	Not married	Total	
None	37.4	15.8	11.5	27.2	64.6
1-15	42.4	76.5	39.7	116.2	158.6
16-29	58.2	77.5	29.4	107.0	165.1
30-34	78.8	37.0	27.8	64.8	143.6
35-39	88.7	35.3	31.6	66.9	155.6
40	160.4	39.7	34.9	74.6	235.0
41-44	40.3	10.7	8.9	19.6	60.0
45-48	72.6	14.2	6.0	20.2	92.8
49 and over	188.5	31.6	12.8	44.4	232.9
<b>Total</b>	<b>767.3</b>	<b>338.2</b>	<b>202.7</b>	<b>540.9</b>	<b>1,308.2</b>

TABLE 15 — EMPLOYED PERSONS: AVERAGE HOURS WORKED BY STATUS OF WORKER, INDUSTRY AND OCCUPATION  
QUEENSLAND, AUGUST 1991

Status of worker, industry division and occupation group	Males	Females			Persons
		Married	Not married	Total	
<b>Status of worker</b>					
Employers	53.5	31.9	45.0	33.0	46.5
Self-employed	43.7	30.7	28.5	30.4	39.5
Wage and salary earners	38.2	28.1	28.6	28.3	34.0
Unpaid family helpers	16.8	8.4	14.0	9.7	13.0
<b>Industry division</b>					
Agriculture, forestry, fishing and hunting	48.9	29.8	27.2	29.4	43.6
Mining	39.2	* 45.1	* 32.4	38.4	39.1
Manufacturing	39.1	28.9	33.1	30.4	36.9
Electricity, gas and water	34.8	* 31.5	* 36.9	33.3	34.6
Construction	40.2	17.3	24.5	18.5	37.0
Wholesale and retail trade	39.4	30.5	23.6	27.4	34.0
Wholesale trade	41.8	27.9	33.7	29.5	38.3
Retail trade	38.1	31.2	22.4	27.0	32.4
Transport and storage	41.5	24.9	33.9	27.9	39.4
Communication	32.1	25.8	31.9	27.5	30.7
Finance, property and business services	39.1	27.8	34.4	30.3	34.8
Public administration and defence	32.7	24.7	33.1	28.4	31.0
Community services	39.2	28.0	31.0	29.1	32.5
Recreation, personal and other services	38.4	29.8	25.4	27.8	32.2
<b>Occupation group</b>					
Managers and administrators	51.9	41.7	41.2	41.6	49.5
Professionals	41.0	31.7	30.9	31.4	37.0
Para-professionals	38.2	28.2	33.5	30.3	34.7
Tradespersons	38.8	30.7	34.0	32.0	38.1
Clerks	34.6	24.9	31.7	27.0	28.7
Salespersons and personal service workers	37.7	29.0	24.8	27.0	30.8
Plant and machine operators and drivers	41.3	32.2	31.4	31.8	40.1
Labourers and related workers	34.1	23.9	23.9	23.9	30.6
<b>Full-time workers</b>	<b>42.4</b>	<b>39.8</b>	<b>36.1</b>	<b>38.2</b>	<b>41.1</b>
<b>Part-time workers</b>	<b>15.1</b>	<b>16.1</b>	<b>13.5</b>	<b>15.3</b>	<b>15.3</b>
<b>Total</b>	<b>39.8</b>	<b>28.3</b>	<b>28.7</b>	<b>28.4</b>	<b>35.1</b>

TABLE 16 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION, QUEENSLAND, AUGUST 1991  
(<sup>'000</sup>)

Particulars	Males	Females			Persons
		Married	Not married	Total	
Status of worker					
Employers	52.9	25.0	* 2.3	27.3	80.2
Self-employed	97.1	39.7	6.0	45.8	142.9
Wage and salary earners	610.3	267.2	192.5	459.7	1,070.0
Unpaid family helpers	6.9	6.2	* 1.9	8.1	15.1
Industry division					
Agriculture, forestry, fishing and hunting	59.3	18.5	3.3	21.8	81.1
Mining	20.5	* 0.7	* 0.8	* 1.5	22.0
Manufacturing	111.3	24.5	13.6	38.2	149.5
Electricity, gas and water	12.0	* 1.4	* 0.7	* 2.1	14.1
Construction	91.0	13.3	* 2.6	15.9	106.9
Wholesale and retail trade	164.9	75.7	59.9	135.6	300.5
Wholesale trade	58.1	16.6	6.2	22.9	81.0
Retail trade	106.8	59.1	53.6	112.7	219.5
Transport and storage	67.5	8.0	4.0	11.9	79.4
Communication	15.6	4.7	* 1.9	6.6	22.2
Finance, property and business services	67.3	41.0	25.6	66.6	134.0
Public administration and defence	30.5	11.1	8.6	19.7	50.2
Community services	82.5	103.2	53.9	157.2	239.7
Recreation, personal and other services	44.9	36.0	27.8	63.8	108.7
Occupation group					
Managers and administrators	100.9	26.7	4.4	31.1	132.0
Professionals	80.0	34.7	22.8	57.4	137.5
Para-professionals	44.7	21.5	13.6	35.1	79.8
Tradespersons	181.5	13.0	8.4	21.5	202.9
Clerks	46.6	114.5	51.7	166.2	212.8
Salespersons and personal service workers	81.7	75.1	70.0	145.1	226.8
Plant and machine operators and drivers	92.0	8.2	5.8	13.9	106.0
Labourers and related workers	139.9	44.6	26.1	70.6	210.5
<b>Total</b>	<b>767.3</b>	<b>338.2</b>	<b>202.7</b>	<b>540.9</b>	<b>1,308.2</b>

TABLE 17 — EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, QUEENSLAND, AUGUST 1991  
(<sup>'000</sup>)

Industry division	Occupation group								Total
	Managers and administrators	Professionals	Para-professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators and drivers	Labourers and related workers	
Agriculture, forestry, fishing and hunting	44.4	* 0.2	* 2.5	* 2.4	3.0	* 0.0	* 2.0	26.8	81.1
Mining	* 0.7	* 1.7	* 1.2	6.8	* 1.3	* 0.0	7.5	* 2.9	22.0
Manufacturing	9.9	6.2	3.5	46.9	16.9	8.0	25.8	32.3	149.5
Electricity, gas and water	* 0.3	* 2.3	* 0.5	3.1	3.1	* 0.2	* 2.5	* 2.2	14.1
Construction	5.5	* 1.2	* 2.7	56.3	14.4	* 0.9	9.0	17.0	106.9
Wholesale and retail trade	36.7	7.3	* 2.6	41.8	34.6	130.2	11.3	36.0	300.5
Transport and storage	3.9	* 0.8	5.1	7.5	11.0	3.5	36.5	11.0	79.4
Communication	* 0.8	* 1.0	* 2.3	6.4	10.3	* 0.2	* 0.9	* 0.3	22.2
Finance, property and business services	10.0	21.9	5.1	* 1.7	45.1	31.0	* 0.9	18.2	134.0
Public administration and defence	* 1.4	6.3	4.8	3.1	22.7	* 1.4	4.0	6.4	50.2
Community services	6.8	80.7	46.6	7.2	40.7	21.0	4.4	32.3	239.7
Recreation, personal and other services	11.8	7.9	* 2.9	19.6	9.7	30.4	* 1.4	25.0	108.7
<b>Total</b>	<b>132.0</b>	<b>137.5</b>	<b>79.8</b>	<b>202.9</b>	<b>212.8</b>	<b>226.8</b>	<b>106.0</b>	<b>210.5</b>	<b>1,308.2</b>



**TABLE 18 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION, QUEENSLAND, AUGUST 1991**  
(\*000)

Particulars	Brisbane Statistical Division				Total
	Brisbane City Inner Ring	Brisbane City Outer Ring	South and East BSD Balance	North and West BSD Balance	
<b>Status of worker</b>					
Wage and salary earners	156.0	161.8	96.9	108.4	523.2
Others	20.2	23.3	18.8	19.4	81.6
<b>Industry division</b>					
Agriculture, forestry, fishing and hunting	* 0.2	* 1.3	* 2.1	2.3	5.9
Mining	* 0.7	* 0.5	* 0.8	* 1.2	3.2
Manufacturing	14.5	22.8	19.1	17.5	73.9
Electricity, gas and water	* 1.7	2.6	* 0.9	2.3	7.5
Construction	11.0	11.8	13.1	10.8	46.7
Wholesale and retail trade	38.1	41.0	35.8	33.7	148.6
Wholesale trade	12.1	14.7	10.9	9.5	47.2
Retail trade	26.0	26.3	24.9	24.2	101.4
Transport and storage	9.8	13.0	5.4	8.6	36.7
Communication	4.0	4.5	* 2.1	* 1.6	12.2
Finance, property and business services	29.7	27.0	8.6	12.5	77.8
Public administration and defence	10.0	8.5	4.6	4.1	27.3
Community services	43.7	36.5	17.4	26.3	123.9
Recreation, personal and other services	12.6	15.7	5.8	6.9	41.0
<b>Occupation group</b>					
Managers and administrators	12.7	16.8	7.0	8.5	45.0
Professionals	34.6	26.1	8.3	8.8	77.7
Para-professionals	13.9	10.9	6.1	9.1	40.1
Tradespersons	20.5	24.6	24.3	21.6	91.0
Clerks	36.3	38.5	20.2	24.0	119.1
Salespersons and personal service workers	30.0	29.3	22.6	23.5	105.3
Plant and machine operators and drivers	6.7	12.7	8.9	11.7	40.0
Labourers and related workers	21.4	26.2	18.3	20.7	86.6
<b>Total</b>	<b>176.2</b>	<b>185.2</b>	<b>115.7</b>	<b>127.8</b>	<b>604.9</b>

**DIAGRAM 4 - EMPLOYED PERSONS: HOURS WORKED, QUEENSLAND, AUGUST 1991**

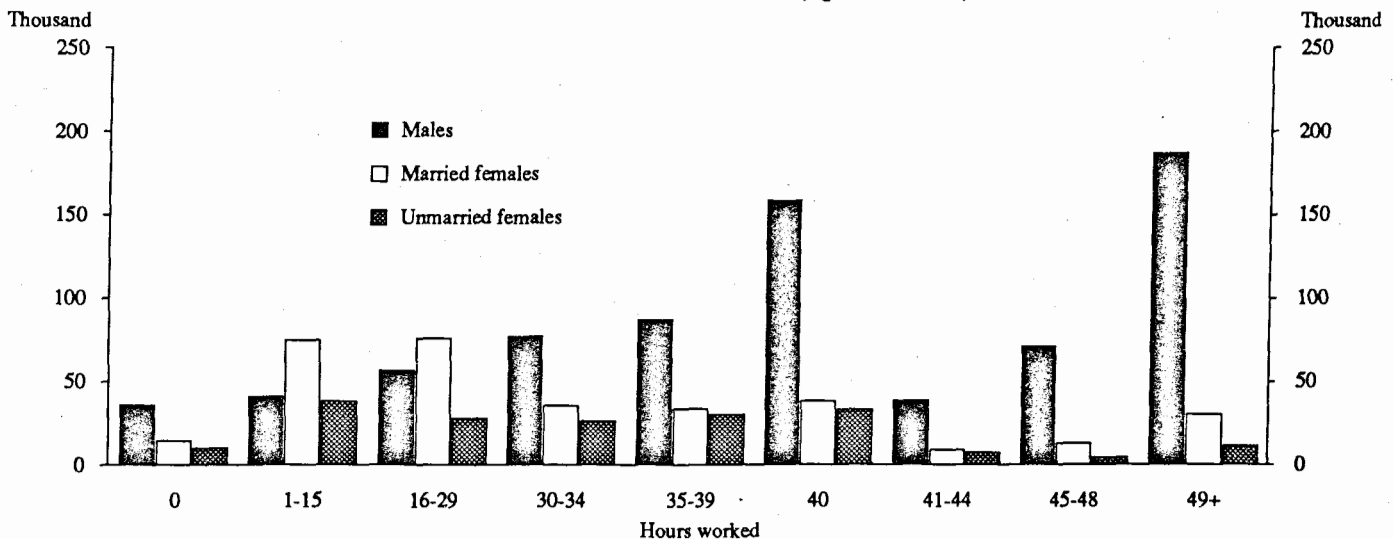


TABLE 18 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION, STATISTICAL REGIONS, QUEENSLAND, AUGUST 1991—*continued*  
(<sup>'000</sup>)

Particulars	Balance of Queensland							Total	Queensland
	South and East Moreton	North and West Moreton	Wide Bay-Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North		
Status of worker									
Wage and salary earners	112.8	68.9	53.7	62.9	105.9	87.0	55.6	546.8	1,070.0
Others	25.5	28.6	20.6	25.7	26.8	12.5	16.8	156.6	238.2
Industry division									
Agriculture, forestry, fishing and hunting	2.4	8.4	14.9	20.1	14.7	6.4	8.3	75.2	81.1
Mining	* 0.3	* 0.5	* 0.6	* 0.4	9.7	5.3	* 1.9	18.8	22.0
Manufacturing	17.6	8.9	8.9	9.2	13.6	11.7	5.7	75.6	149.5
Electricity, gas and water	* 0.2	* 0.5	* 0.5	* 0.5	* 2.3	* 1.2	* 1.4	6.6	14.1
Construction	20.8	12.1	3.9	4.7	7.9	7.4	3.4	60.2	106.9
Wholesale and retail trade	33.0	26.8	14.6	18.4	26.5	19.0	13.5	151.9	300.5
Wholesale trade	6.5	5.1	4.1	4.0	6.6	4.9	* 2.7	33.8	81.0
Retail trade	26.5	21.7	10.5	14.4	20.0	14.1	10.9	118.1	219.5
Transport and storage	4.7	4.2	* 2.1	5.5	12.9	7.1	6.2	42.7	79.4
Communication	* 1.5	* 1.3	* 1.6	* 1.4	* 1.9	* 1.4	* 0.9	9.9	22.2
Finance, property and business services	16.3	10.5	3.8	5.6	7.1	5.8	7.2	56.1	134.0
Public administration and defence	2.7	3.2	* 2.9	* 1.8	3.5	7.6	* 1.2	22.9	50.2
Community services	18.4	14.2	15.6	14.8	20.6	19.4	12.8	115.8	239.7
Recreation, personal and other services	20.5	6.9	4.9	6.2	12.0	7.3	10.0	67.7	108.7
Occupation group									
Managers and administrators	10.6	14.2	12.8	18.4	14.1	8.8	8.1	87.0	132.0
Professionals	11.9	8.5	6.9	6.8	8.7	8.8	8.2	59.7	137.5
Para-professionals	6.3	4.3	5.0	2.6	8.3	7.9	5.3	39.7	79.8
Tradespersons	25.5	14.2	10.9	12.7	23.5	14.6	10.5	111.9	202.9
Clerks	18.0	16.4	10.9	9.9	14.7	14.9	8.8	93.7	212.8
Salespersons and personal service workers	30.7	17.8	9.8	14.3	19.0	16.8	13.1	121.5	226.8
Plant and machine operators and drivers	10.8	6.6	4.2	6.6	18.0	12.9	6.8	66.0	106.0
Labourers and related workers	24.5	15.5	13.8	17.2	26.5	14.8	11.7	123.9	210.5
Total	138.3	97.5	74.3	88.6	132.7	99.5	72.4	703.4	1,308.2

DIAGRAM 5 - EMPLOYMENT BY OCCUPATION BY BSD AND BALANCE OF QUEENSLAND, AUGUST 1991

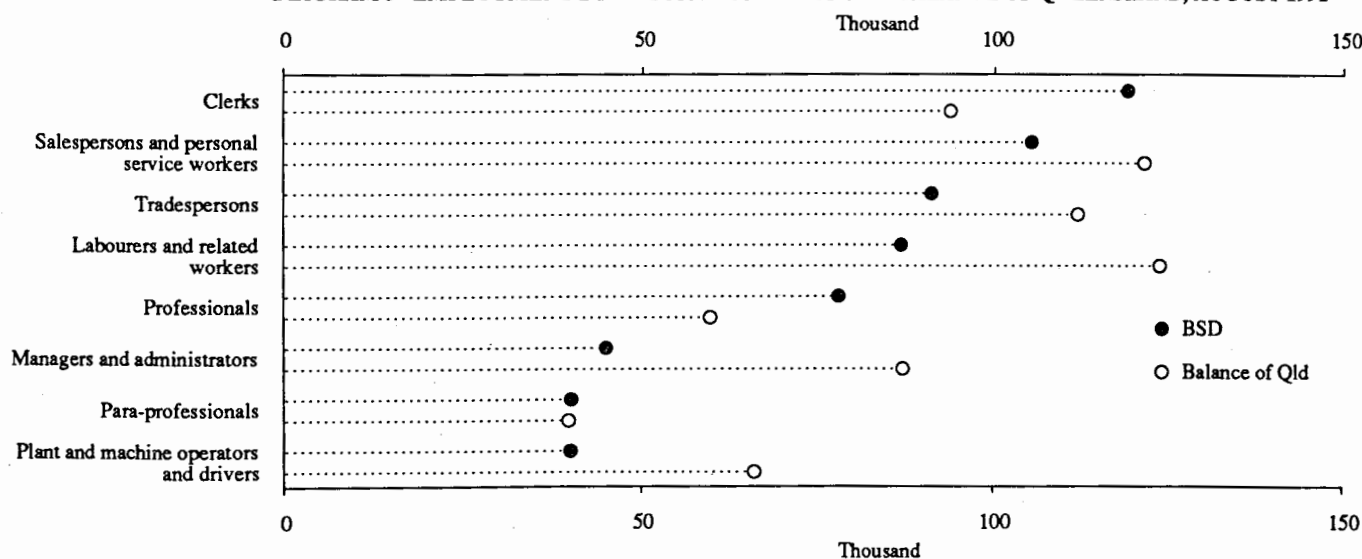


TABLE 19 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, QUEENSLAND

Duration of unemployment	1990			1991		
	June	July	August	June	July	August
MALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	13.0	12.3	11.5	9.8	13.5	10.3
4 and under 8 weeks	7.3	8.1	9.5	9.4	8.1	10.9
8 and under 13 weeks	7.7	8.3	6.7	8.1	7.7	8.0
13 and under 26 weeks	11.7	10.2	11.2	15.4	15.7	13.1
26 and under 52 weeks	11.3	12.4	11.8	17.2	21.7	21.0
52 weeks and over	13.8	13.2	16.4	17.1	18.0	17.9
<b>Total</b>	<b>64.7</b>	<b>64.6</b>	<b>67.2</b>	<b>77.1</b>	<b>84.6</b>	<b>81.3</b>
	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>
Median duration of unemployment	16	14	18	22	22	23
FEMALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	12.5	8.7	11.8	10.3	10.1	10.3
4 and under 8 weeks	4.7	7.6	9.6	6.7	7.3	4.3
8 and under 13 weeks	6.4	6.4	6.1	6.0	4.3	6.2
13 and under 26 weeks	9.8	8.2	6.5	13.3	9.4	8.6
26 and under 52 weeks	8.2	8.4	8.7	10.6	16.3	13.3
52 weeks and over	6.3	8.2	7.5	9.5	11.8	12.6
<b>Total</b>	<b>47.9</b>	<b>47.6</b>	<b>50.2</b>	<b>56.4</b>	<b>59.1</b>	<b>55.3</b>
	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>
Median duration of unemployment	13	13	10	18	21	22
PERSONS						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	25.5	20.9	23.3	20.0	23.6	20.6
4 and under 8 weeks	12.0	15.8	19.2	16.2	15.4	15.2
8 and under 13 weeks	14.1	14.7	12.7	14.2	11.9	14.2
13 and under 26 weeks	21.4	18.4	17.7	28.7	25.1	21.7
26 and under 52 weeks	19.4	20.8	20.5	27.8	38.0	34.3
52 weeks and over	20.1	21.4	24.0	26.7	29.8	30.5
<b>Total</b>	<b>112.6</b>	<b>112.1</b>	<b>117.3</b>	<b>133.5</b>	<b>143.7</b>	<b>136.6</b>
	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>
Median duration of unemployment	14	13	14	21	22	23

TABLE 20 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY STATISTICAL REGION, QUEENSLAND, AUGUST 1991

Region	Unemployed			Median duration of unemployment weeks
	Under 13 weeks	13 weeks and over	Total	
	'000	'000	'000	
MALES				
Brisbane Statistical Division	13.1	22.2	35.2	23
Brisbane City Inner Ring	4.0	5.0	9.0	* 15
Brisbane City Outer Ring	3.4	5.9	9.4	* 24
South and East BSD Balance	3.1	4.9	8.0	* 32
North and West BSD Balance	2.5	6.4	8.9	* 23
Balance of Queensland	16.2	29.9	46.0	23
South and East Moreton	4.5	8.3	12.8	18
North and West Moreton	2.5	4.1	6.7	* 26
Wide Bay-Burnett	* 1.5	4.6	6.2	* 39
Darling Downs and South-West	* 0.8	* 2.2	3.1	* 27
Mackay, Fitzroy and Central-West	* 1.5	4.7	6.1	* 25
Northern and North-West	2.8	3.1	5.9	* 17
Far North	* 2.5	* 2.8	5.3	* 13
Queensland	29.2	52.0	81.3	23
FEMALES				
Brisbane Statistical Division	11.5	16.1	27.6	18
Brisbane City Inner Ring	2.6	4.5	7.1	* 21
Brisbane City Outer Ring	3.7	4.6	8.3	* 13
South and East BSD Balance	2.3	2.8	5.2	* 17
North and West BSD Balance	2.9	4.3	7.1	* 17
Balance of Queensland	9.3	18.4	27.7	26
South and East Moreton	2.5	4.8	7.2	* 23
North and West Moreton	* 1.1	3.7	4.8	* 26
Wide Bay-Burnett	* 0.5	* 2.0	* 2.5	* 43
Darling Downs and South-West	* 0.4	* 1.1	* 1.5	* 34
Mackay, Fitzroy and Central-West	* 1.3	3.6	4.9	* 34
Northern and North-West	* 2.0	* 2.0	3.9	* 18
Far North	* 1.6	* 1.2	* 2.8	* 8
Queensland	20.8	34.5	55.3	22
PERSONS				
Brisbane Statistical Division	24.5	38.3	62.8	21
Brisbane City Inner Ring	6.6	9.4	16.1	18
Brisbane City Outer Ring	7.1	10.5	17.6	19
South and East BSD Balance	5.4	7.7	13.1	24
North and West BSD Balance	5.3	10.7	16.0	21
Balance of Queensland	25.5	48.2	73.7	25
South and East Moreton	7.0	13.1	20.1	21
North and West Moreton	3.6	7.8	11.5	26
Wide Bay-Burnett	* 2.1	6.6	8.7	* 39
Darling Downs and South-West	* 1.2	3.4	4.6	* 28
Mackay, Fitzroy and Central-West	2.7	8.2	11.0	26
Northern and North-West	4.8	5.1	9.9	* 17
Far North	4.1	4.0	8.1	* 8
Queensland	50.0	86.6	136.6	23

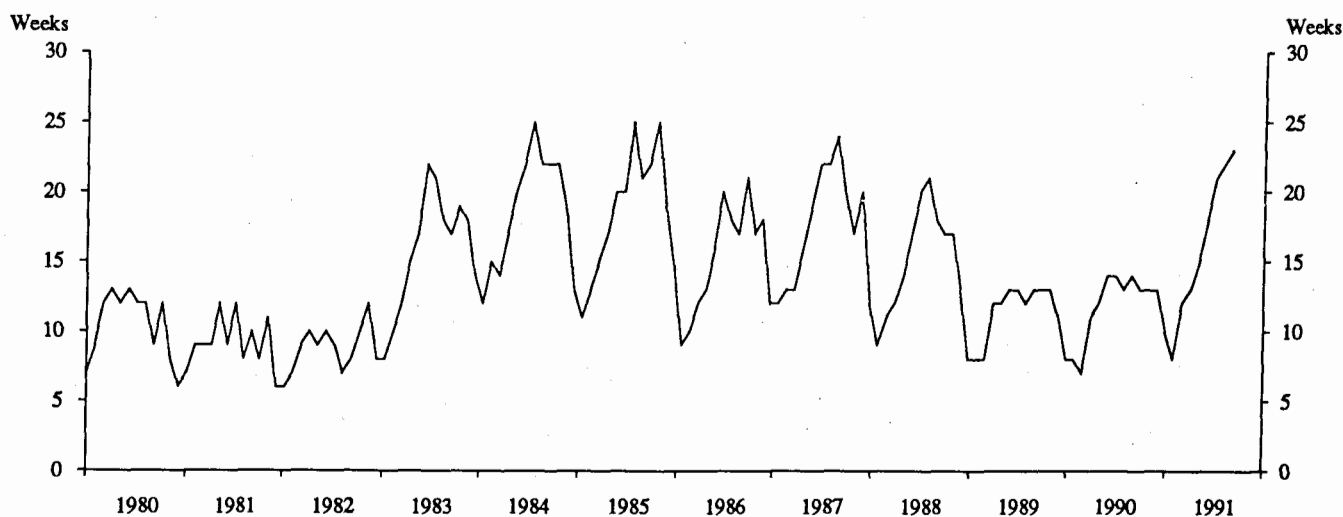


TABLE 21 — UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: BIRTHPLACE BY AGE, QUEENSLAND, AUGUST 1991

Particulars	Unemployed			Unemployment rate		
	Males	Females	Persons	Males	Females	Persons
	'000	'000	'000	%	%	%
BORN IN AUSTRALIA						
Age group (years)						
15-19	13.1	11.7	24.8	19.9	18.3	19.1
20-24	14.9	12.3	27.1	15.7	16.2	15.9
25-34	15.7	9.1	24.8	8.5	7.4	8.1
35-44	8.1	6.9	15.0	5.0	5.6	5.3
45-54	3.8	3.4	7.2	3.6	4.7	4.0
55 and over	4.6	* 0.5	5.1	6.8	* 2.0	5.4
Looking for full-time work	55.9	32.7	88.7	9.1	11.6	9.9
Looking for part-time work	4.1	11.2	15.3	6.4	5.5	5.7
<b>Total</b>	<b>60.0</b>	<b>43.9</b>	<b>103.9</b>	<b>8.9</b>	<b>9.0</b>	<b>8.9</b>
BORN OUTSIDE AUSTRALIA						
Age group (years)						
15-19	* 2.6	* 1.0	3.6	* 32.4	* 12.9	22.8
20-24	* 2.7	* 1.8	4.5	* 16.7	* 14.4	15.7
25-34	4.3	3.2	7.5	10.3	13.1	11.4
35-44	4.6	* 2.4	6.9	9.8	* 7.3	8.8
45-54	4.3	* 2.1	6.4	10.8	* 8.5	9.9
55 and over	* 2.8	* 0.9	3.7	* 15.1	* 10.3	13.6
Looking for full-time work	20.0	8.6	28.6	12.9	12.5	12.8
Looking for part-time work	* 1.2	* 2.7	4.0	* 7.5	* 6.6	6.8
<b>Total</b>	<b>21.3</b>	<b>11.3</b>	<b>32.6</b>	<b>12.4</b>	<b>10.3</b>	<b>11.6</b>
Main English-speaking countries (a)	11.9	5.7	17.6	11.0	8.1	9.8
Other	9.4	5.6	15.0	15.0	14.3	14.7

(a) Comprises the United Kingdom, Ireland, Canada, the United States of America, South Africa and New Zealand.

DIAGRAM 6 - MEDIAN DURATION OF UNEMPLOYMENT, QUEENSLAND



**TABLE 22 — UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, QUEENSLAND**

Unemployment category, industry division and occupation group	August 1990		November 1990		February 1991		May 1991		August 1991	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	'000	%	'000	%	'000	%	'000	%	'000	%
Persons who had worked full-time for 2 weeks or more in the last 2 years	73.2	5.2	75.2	5.4	95.0	6.8	96.1	6.9	88.9	6.4
Industry division										
Agriculture, forestry, fishing and hunting	5.7	5.5	5.6	5.8	9.8	10.8	10.4	11.3	7.4	8.4
Manufacturing	15.6	8.6	12.6	7.5	14.5	8.8	16.2	10.4	16.8	10.1
Construction	10.6	8.3	11.2	9.5	13.8	11.4	13.0	10.6	14.7	12.0
Wholesale and retail trade	17.2	5.7	19.7	6.1	21.0	6.6	25.9	8.0	20.3	6.3
Community services	5.3	2.3	6.3	2.6	9.1	3.8	6.3	2.6	4.6	1.9
Recreation, personal and other services	7.2	6.6	8.1	6.6	10.3	8.7	8.9	7.4	9.6	8.1
Other industries	11.5	3.4	11.9	3.6	16.6	4.9	15.4	4.5	15.6	4.6
Occupation group										
Managers and administrators	* 0.5	* 0.4	* 2.7	* 1.9	* 2.6	* 1.9	4.0	2.9	4.3	3.2
Professionals	* 2.1	* 1.5	* 1.6	* 1.1	5.0	3.6	* 2.3	* 1.6	* 2.1	* 1.5
Para-professionals	* 2.6	* 3.5	* 1.7	* 2.3	* 2.9	* 4.1	3.3	4.4	3.4	4.0
Tradespersons	13.5	6.0	13.4	6.1	18.0	8.0	17.0	7.6	16.9	7.7
Clerks	8.5	3.7	6.8	3.0	9.2	4.0	8.5	3.8	8.4	3.8
Salespersons and personal service workers	12.9	5.4	14.7	6.0	16.1	6.9	19.2	8.1	17.6	7.2
Plant and machine operators and drivers	7.3	7.0	6.7	6.7	9.5	9.1	8.0	7.4	7.6	6.7
Labourers and related workers	25.5	10.3	27.6	11.3	31.7	12.8	33.6	13.7	28.6	11.9
Reason for ceasing last full-time job										
Job loser										
Laid off, retrenched	31.6	..	32.9	..	37.7	..	47.3	..	44.2	..
Other	14.3	..	16.4	..	23.2	..	18.9	..	18.3	..
Job leaver	27.2	..	25.9	..	34.1	..	30.0	..	26.5	..
Other										
Persons looking for first job	9.8	..	10.7	..	12.7	..	13.6	..	9.6	..
Former workers	32.8	..	30.1	..	42.3	..	41.7	..	34.9	..
Persons stood down	* 1.6	..	* 2.7	..	4.2	..	4.1	..	3.1	..
<b>Total</b>	<b>117.3</b>	<b>8.2</b>	<b>118.7</b>	<b>8.2</b>	<b>154.2</b>	<b>10.7</b>	<b>155.5</b>	<b>10.7</b>	<b>136.6</b>	<b>9.5</b>
Looking for full-time work	96.6	8.6	95.7	8.6	126.8	11.3	129.0	11.4	117.3	10.5
Looking for part-time work	20.8	6.6	23.0	7.1	27.4	8.6	26.5	8.2	19.2	5.9

**DIAGRAM 7 - UNEMPLOYMENT RATES, QUEENSLAND**

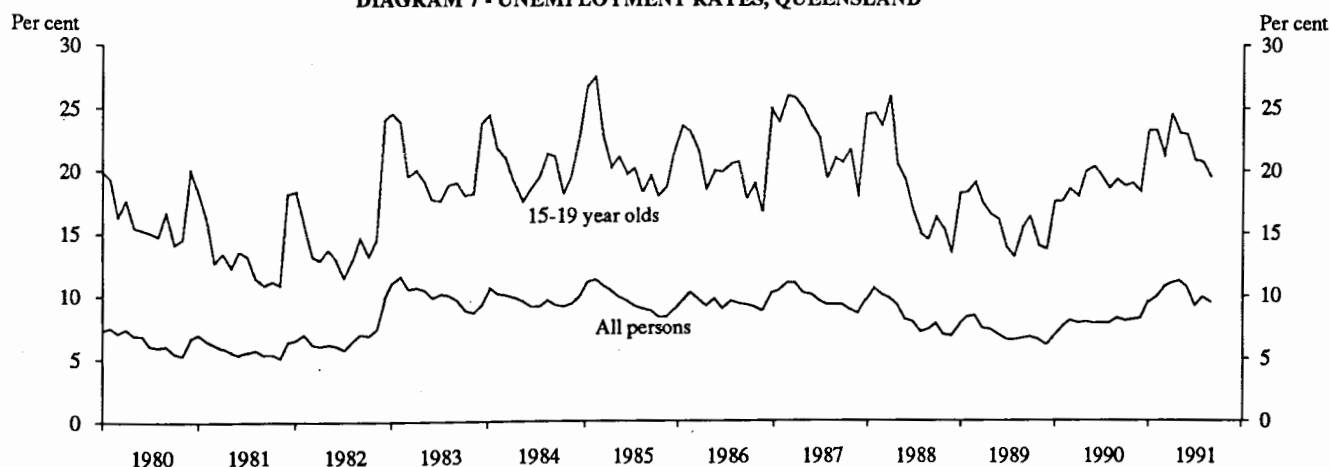


TABLE 23 — ALL PERSONS: LABOUR FORCE EXPERIENCE DURING THE YEAR ENDING MARCH 1991  
AND MARITAL STATUS, QUEENSLAND  
(<sup>'000</sup>)

	Married			Not-married			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Not in the labour force at any time during the preceding year	71.8	229.4	301.3	55.6	93.3	148.9	127.4	322.8	450.2
In the labour force at some time during the preceding year	548.3	404.6	952.9	344.1	282.4	626.5	892.4	687.0	1,579.4
Time in the labour force during the preceding year (weeks)—									
1 and under 4	*2.4	13.5	15.9	8.8	9.7	18.4	11.1	23.2	34.3
4 and under 13	4.5	21.4	25.9	18.3	20.8	39.1	22.8	42.2	65.0
13 and under 26	7.0	20.2	27.3	20.5	17.7	38.2	27.5	37.9	65.4
26 and under 39	8.6	29.7	38.3	16.1	23.0	39.1	24.7	52.7	77.4
39 and under 49	33.0	56.3	89.3	27.4	25.9	53.4	60.5	82.2	142.7
49 and under 52	31.1	34.3	65.4	20.7	22.3	43.1	51.8	56.7	108.4
52	461.6	229.3	690.9	232.3	163.0	395.2	693.9	392.2	1,086.2
Worked at some time during the preceding year	535.0	381.0	916.0	309.7	254.9	564.6	844.7	635.9	1,480.6
Time worked during the preceding year (weeks)—									
1 and under 4	3.3	9.3	12.7	6.7	7.8	14.5	10.0	17.1	27.2
4 and under 13	9.7	19.7	29.4	19.7	20.6	40.4	29.4	40.4	69.7
13 and under 26	12.2	17.7	29.9	21.9	19.1	41.0	34.1	36.9	71.0
26 and under 39	23.8	32.6	56.4	27.4	25.5	52.9	51.2	58.1	109.3
39 and under 49	52.3	61.6	113.9	42.5	35.6	78.1	94.8	97.2	192.0
49 and under 52	30.6	31.5	62.1	20.1	18.8	38.9	50.6	50.3	101.0
52	403.1	208.5	611.7	171.5	127.4	298.8	574.6	335.9	910.5
Full-time/part-time status of weeks worked—									
All were full-time	478.4	178.8	657.2	221.7	143.1	364.8	700.1	321.9	1,022.0
All were part-time	19.7	160.7	180.4	48.0	81.1	129.1	67.6	241.8	309.5
More full-time than part-time	29.7	24.5	54.2	31.0	16.5	47.5	60.7	41.0	101.7
More part-time than full-time	7.2	17.0	24.2	9.0	14.1	23.2	16.2	31.2	47.4
Number of jobs held during the preceding year—									
One	463.2	334.9	798.1	242.6	201.3	443.9	705.8	536.2	1,242.0
Two	54.7	37.2	91.9	44.8	39.5	84.3	99.5	76.8	176.3
Three	11.1	6.5	17.6	14.8	10.3	25.2	25.9	16.8	42.8
Four or more	6.0	*2.8	8.8	8.0	3.9	11.9	14.1	6.7	20.7
Looked for work at some time during the preceding year	81.4	59.0	140.4	111.1	90.6	201.8	192.5	149.7	342.2
Number of spells of looking for work during the preceding year—									
One	60.5	47.3	107.8	84.2	70.2	154.4	144.8	117.5	262.2
Two	8.5	6.0	14.5	11.6	10.4	22.0	20.2	16.4	36.5
Three	4.1	*2.1	6.2	7.5	5.8	13.3	11.5	7.9	19.5
Four or more	8.3	3.7	11.9	7.8	4.2	12.0	16.0	7.9	23.9
<b>Total</b>	<b>620.1</b>	<b>634.0</b>	<b>1,254.2</b>	<b>399.6</b>	<b>375.7</b>	<b>775.4</b>	<b>1,019.8</b>	<b>1,009.8</b>	<b>2,029.5</b>

Source: Labour Force Experience, Australia, during the Year Ending March 1991 (6206.0).

**TABLE 24 — PERSONS WHO WERE WORKING AT FEBRUARY 1991:  
DURATION OF CURRENT JOB AND INDUSTRY, QUEENSLAND  
('000)**

Duration of current job	Industry										Total
	Agriculture, forestry, fishing and hunting	Manufacturing	Construction	Wholesale and retail trade	Transport and storage	Finance, property and business services	Public administration and defence	Community services	Recreation, personal and other services	Other	
Under 1 year	12.8	32.2	23.9	86.1	14.3	40.1	7.6	50.0	41.0	9.2	317.2
Under 3 months	7.5	12.0	9.2	33.5	4.9	13.2	3.3	23.3	15.7	*2.2	124.6
3 and under 6 months	3.2	8.4	4.7	22.6	4.0	9.9	*0.9	9.2	10.6	*2.2	75.7
6 and under 12 months	*2.1	11.8	10.1	30.1	5.4	17.0	3.4	17.6	14.6	4.8	116.9
1 and under 2 years	5.6	23.0	10.9	47.8	6.5	18.7	5.0	30.8	17.1	5.1	170.6
2 and under 3 years	6.0	18.4	14.3	35.8	6.2	14.8	4.2	22.7	13.5	4.0	140.0
3 and under 5 years	8.0	18.3	17.6	47.6	9.1	17.4	6.0	31.4	13.0	5.0	173.3
5 and under 10 years	9.2	24.3	17.0	40.4	15.9	23.2	11.2	39.6	12.1	10.4	203.3
10 years and over	37.1	35.1	22.7	36.5	22.2	23.4	17.6	53.9	8.5	20.6	277.8
10 and under 20 years	15.0	25.2	15.8	27.1	14.0	16.4	11.3	42.4	6.7	13.5	187.5
20 years and over	22.1	9.9	6.9	9.3	8.3	7.1	6.3	11.5	*1.8	7.1	90.3
<b>Total</b>	<b>78.8</b>	<b>151.4</b>	<b>106.4</b>	<b>294.2</b>	<b>74.2</b>	<b>137.7</b>	<b>51.7</b>	<b>228.4</b>	<b>105.1</b>	<b>54.4</b>	<b>1,282.2</b>

Source: Labour Mobility, Australia, during the Year Ending February 1991 (6209.0).

**TABLE 25 — PERSONS WHO WERE WORKING AT FEBRUARY 1991:  
DURATION OF CURRENT JOB AND OCCUPATION, QUEENSLAND  
('000)**

Duration of current job	Occupation								Total
	Managers and administrators	Professionals	Para- professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators, and drivers	Labourers and related workers	
Under 1 year	17.1	35.6	12.1	47.2	46.6	77.7	18.7	62.2	317.2
Under 3 months	3.7	18.8	4.3	18.9	13.4	30.0	5.1	30.4	124.6
3 and under 6 months	5.1	5.0	*2.6	11.8	11.8	20.3	5.4	13.8	75.7
6 and under 12 months	8.4	11.8	5.2	16.5	21.3	27.4	8.2	18.1	116.9
1 and under 2 years	11.4	17.8	9.0	21.7	28.3	38.2	11.3	32.9	170.6
2 and under 3 years	10.1	12.1	6.6	24.7	24.7	25.5	11.2	25.0	140.0
3 and under 5 years	17.0	15.0	8.3	30.0	33.1	29.4	10.7	29.9	173.3
5 and under 10 years	21.2	24.1	12.5	33.5	38.0	27.3	18.9	27.7	203.3
10 years and over	55.9	33.9	19.4	45.6	48.4	17.0	23.1	34.5	277.8
10 and under 20 years	27.7	23.2	12.9	33.0	36.0	12.8	16.1	25.8	187.5
20 years and over	28.2	10.7	6.5	12.7	12.4	4.1	7.0	8.7	90.3
<b>Total</b>	<b>132.8</b>	<b>138.4</b>	<b>67.9</b>	<b>202.7</b>	<b>219.1</b>	<b>215.1</b>	<b>94.0</b>	<b>212.2</b>	<b>1,282.2</b>

Source: Labour Mobility, Australia, during the Year Ending February 1991 (6209.0).

## STATISTICAL REGIONS, QUEENSLAND



## STATISTICAL REGIONS, BRISBANE STATISTICAL DIVISION



### Brisbane City Inner Ring

Albion	Clayfield	Highgate Hill	Red Hill
Alderley	Coorparoo	Holland Park	Sherwood
Annerley	Corinda	Holland Park West	South Brisbane
Ascot	Dutton Park	Indooroopilly	Spring Hill
Ashgrove	East Brisbane	Kangaroo Point	St Lucia
Balmoral	Enoggera (including Military Camp)	Kedron	Stafford
Bardon	Fairfield	Kelvin Grove	Stafford Heights
Bowen Hills	Fortitude Valley - Inner	Lutwyche	Taringa
Bulimba	Fortitude Valley - Remainder	Milton	Tarragindi
Camp Hill	Graceville	Moorooka	Toowong
Cannon Hill	Grange	Morningside	West End
Carina	Greenslopes	New Farm	Wilston
Carina Heights	Hamilton	Newmarket	Windsor
Carindale	Hawthorne	Newstead	Woolloongabba
Chelmer	Hendra	Norman Park	Woolloowin
City - Inner	Herston	Nundah	Yeerongpilly
City - Remainder		Paddington	Yeronga

## EXPLANATORY NOTES

### The Population survey

The survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels, etc.) and usually covers slightly more than three-fifths of 1 per cent of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of 2 weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

### Scope

2. The labour force survey includes all persons aged 15 years and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from Census and estimated populations;
- (c) overseas residents in Australia and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

### Coverage

3. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraphs 25 to 27 for information about the effect of the coverage rules on family statistics.

4. Persons who are away from their usual residence for 6 weeks or less at the time of interview are enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey.

### Supplementary and special surveys

5. Emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population. However, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown on page 32.

6. Summary tables from supplementary surveys released since the previous issue of this publication are included from page 26.

### Population benchmarks

7. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in the ABS publication *Australian Demographic Statistics Quarterly* (3101.0) because they are necessarily derived from incomplete information about population changes.

8. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

9. While this procedure can be expected to provide reliable estimates of unemployment and participation rates, it cannot be taken as completely reliable for estimates of numbers involved. For this reason estimates of numbers in each region have not been added to provide an estimate of the total civilian population aged 15 years and over.

### Revision of series

10. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of the results of the 1986 Census of Population and Housing. This affected all the monthly estimates from January 1984 to January 1989.

11. From September 1987, regional estimates were based on statistical regions. Prior to September 1987, estimates were based on differently composed dissemination regions.

EXPLANATORY NOTES - *continued*Revision of series - *continued*

12. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

13. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

14. The questionnaire used in the survey for the collection of labour force data has been revised a number of times. Details of these changes have been published in Information Paper: *Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984, June 1986 and June 1991.

## Comparability of series

15. As noted in paragraph 10, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

16. Regional estimates were based on statistical regions from September 1987. They are not comparable to estimates prior to that date which were based on differently composed dissemination regions.

17. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in Information Paper: *Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

## Reliability of estimates

18. Estimates in this publication are subject to two sources of error.

- (a) *Sampling error.* Since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Notes.

- (b) *Non-sampling error.* Inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

## Survey sample redesign

19. The Labour Force Survey sample has been redesigned and reselected using information collected in the 1986 Census of Population and Housing. The new sample was phased in over the period September to December 1987. For details, see Information Paper: *Labour Force Survey - Sample Design* (6269.0).

20. The sampling fraction differs for States and Territories to enable estimates of reasonable accuracy to be produced at State level as well as for Australia. The sampling fraction for Queensland is 1 in 160.

## Seasonal adjustment

21. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effect of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. Seasonal factors are reviewed annually to take account of each additional year of original data.

## Trend estimation

22. Smoothed seasonally adjusted series produce a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13 term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

23. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.



## EXPLANATORY NOTES - continued

## Month-to-month movements

24. Care should be taken in the interpretation of month-to-month movements in labour force survey estimates as they are subject to sampling and non-sampling variability as explained in paragraph 18.

## Family labour force status and other characteristics

25. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families.

26. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may, at the time of the survey, be enumerated as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals, etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information was not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions) and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

27. In addition, in those private dwellings where it was not possible to obtain information relating to all the usual residents, no family information was recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information could not be obtained from each usual resident. Similarly, families which at the time of the survey have one or more of their members away from the usual residence, are also excluded from family determination. A summary of those persons for whom family information was obtained, as well as those usual residents of private dwellings for whom complete family information could not be obtained, and those persons specifically excluded from the family determination procedures is contained in Table 12. Generally, family status is determined for more than 90 per cent of all civilians aged 15 years and over.

## Related publications

28. Users may also wish to refer to the following publications which are available on request:

*The Labour Force, Australia, Preliminary* (6202.0) - Monthly (\$10.00)

*The Labour Force, Australia* (6203.0) - Monthly (\$14.50)

*The Labour Force, Australia, Historical Summary* (6204.0) - Latest issue: 1966 to 1984

*Monthly Summary of Statistics* (1304.3) - Monthly (\$9.00)

*Economic Indicators* (1307.3) - Monthly (\$6.00)

Information Paper: *Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) - Latest issue: July 1985

Information Paper: *A Guide to Smoothing Time Series - Estimates of 'Trend'* (1316.0) - Latest issue: 1987

Information Paper: *Time Series Decomposition - an Overview* (1307.0) - Latest issue: 1987

Information Paper: *Labour Force Survey - Sample Design* (6269.0) - Latest issue: August 1987

Information Paper: *Labour Force Survey - Measuring Teenage Unemployment* (6270.0) - Latest issue: October 1987

Information Paper: *Measuring Employment and Unemployment* (6279.0) - New issue: August 1991

29. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues the *Publications Advice* (1105.0) on Tuesdays and Fridays which lists publications to be released in the next few days. Both the *Catalogue* and the *Publications Advice* are available from any ABS office.

## Unpublished statistics

30. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact shown at the front of this publication.

## Symbols and other usages

- .. not applicable
- \* subject to sampling variability too high for most practical purposes; See paragraphs 8 and 9 in the Technical Notes

31. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

## APPENDIX

## SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia - Latest issue: September to November 1986	6341.0
Annual and Long Service Leave Taken, Australia - Latest issue: May 1988 to April 1989	6317.0
Career Paths of Persons With Trade Qualifications, Australia, 1989	6243.0
Career Paths of Qualified Nurses, Australia, March to July 1989	6277.0
Child Care, Australia Arrangements - Latest issue: June 1987	4402.0
Employment Benefits, Australia, Annual - Latest issue: August 1990	6334.0
How Workers Get Their Training, Australia, 1989	6278.0
Income Distribution Survey, Australia, Persons with Earned Income, 1986	6546.0
Job Search Experience of Unemployed Persons, Australia, - Latest issue: June 1991	6222.0
Labour Force Experience, Australia, Annual - Latest issue: March 1991	6206.0
Labour Force Status and Educational Attainment, Australia, Annual - Latest issue: February 1991	6235.0
Labour Force Status and Educational Attendance (Persons Aged 15 to 24), Annual - Latest issue: September 1989	6272.0
Labour Force Status and Other Characteristics of Families, Annual - Latest issue: June 1990	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia - Latest issue: September 1990	6250.0
Labour Mobility, Australia, Annual - Latest issue: February 1991	6209.0
Multiple Jobholding, Australia, Four-yearly - Latest issue: August 1987	6216.0
Persons Employed at Home, Australia, April 1989	6275.0
Persons Not in the Labour Force, Australia - Latest issue: September 1990 (reissued June 1991)	6220.0
Persons Who Had Re-entered the Labour Force, Australia - Latest issue: May 1990	6264.0
Persons Who Have Left the Labour Force, Australia - Latest issue: April 1988	6267.0
Retirement and Retirement Intentions, Australia, - Latest issue, November 1989	6238.0
Successful and Unsuccessful Job Search Experience, Australia, Latest issue: July 1990	6245.0
Superannuation, Australia - Latest issue: November 1988	6319.0
Trade Union Members, Australia - Latest issue: August 1990	6325.0
Transition From Education to Work, Australia, Annual - Latest issue: May 1990	6227.0
Underemployed Workers, Australia - Latest Issue: May 1988	6265.0
Weekly Earnings of Employees (Distribution), Australia, Annual - Latest issue: August 1990	6310.0

Special tabulations of data from these surveys are available. Please contact Mark Chalmers on (07) 222 6336 for further information.

## CUSTOMISED REPORTS

Summary reports at the national, State and regional level can be prepared for any aspect of the labour force required, or on any aspect of employment, earnings or industrial conditions. Please contact Mark Chalmers on (07) 222 6336 for details, or write to Australian Bureau of Statistics, GPO Box 9817, Brisbane Q 4001.

## TECHNICAL NOTES

### Estimation procedure

The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.

2. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

### Data quality

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. *Non-sampling error* is explained in the Explanatory Notes, paragraph 18(b). The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed.

#### Standard error of estimates

4. One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the *standard error* (SE).

5. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors.

6. The standard error of an estimate can be obtained from Table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example following Table A).

7. Standard errors for some estimates, e.g. unemployment, can vary from those shown in the tables.

Methods for calculating the standard errors of these estimates are shown in the table below.

#### Relative standard error

8. Another measure of sampling variability is the *relative standard error* (RSE). This is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

9. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. \*3.0) to indicate they are subject to high standard errors and should be used with caution. Small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable use.

#### Standard error of movement

10. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in Table B. These estimates apply only to estimates of movements between two consecutive months.

11. Movements between corresponding months of consecutive quarters i.e. *quarterly movements*, can be obtained by multiplying the figure in Table B by 1.22. Standard errors of movements between corresponding months of consecutive years, i.e. *annual movements*, can be obtained by multiplying the figures in Table A by 1.3. When using Tables A or B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

## METHODS FOR CALCULATING THE STANDARD ERRORS FOR SELECTED ESTIMATES

Measure of reliability to be determined	Method
Standard errors of estimates of employed persons. Standard errors of estimates of unemployed persons. Standard errors of estimates of persons not in the labour force. Standard errors of rates (e.g. the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force).	Determine the SE from Table A directly. Multiply the SE from Table A by 0.97. Multiply the SE from Table A by 1.06. Determine the RSE of the numerator (x) and the denominator (y) then apply the following formula.
Standard error of average hours worked.	$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$ Determine the RSE for the number of persons on which the average is based and multiply this by 0.7.
Standard error of median duration of unemployment.	Determine the RSE for the number of persons on which the median is based and multiply this by 2.0.
Standard error of monthly movements. Standard error of quarterly movements.	Using Table B, look up the SE of the larger estimate. Determine the standard error of the larger estimate (using Table A) and multiply this by 1.22.
Standard error of annual movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.

## TECHNICAL NOTES – continued

TABLE A – STANDARD ERRORS OF ESTIMATES FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Brisbane (BSD) Statistical Regions					
	Queensland; Brisbane (BSD); Balance of Queensland		Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance
	No.	%	No.	No.	No.	No.
1,000	440	43.7	340	350	370	370
1,200	480	39.9	380	390	410	400
1,500	530	35.5	420	440	460	450
1,800	580	32.4	470	480	500	500
2,000	610	30.6	490	510	530	530
2,400	670	27.8	540	560	580	580
2,500	680	27.3	550	570	600	590
3,000	740	24.8	610	630	660	650
3,500	800	22.8	660	680	710	700
4,000	850	21.2	710	730	760	760
4,500	900	19.9	750	770	810	800
5,000	940	18.8	800	820	860	850
6,000	1,000	17.1	880	900	940	940
8,000	1,150	14.6	1,000	1,050	1,100	1,100
10,000	1,300	12.9	1,150	1,200	1,250	1,200
20,000	1,750	8.7	1,650	1,700	1,800	1,750
30,000	2,100	6.9	2,050	2,100	2,200	2,200
40,000	2,350	5.9	2,350	2,450	2,550	2,550
50,000	2,600	5.2	2,650	2,750	2,850	2,850
100,000	3,400	3.4	3,850	3,950	4,150	4,100
200,000	4,500	2.2	5,500	5,700	5,900	5,900
300,000	5,200	1.7	6,800	7,000	7,400	7,300
500,000	6,300	1.3	8,900	9,200	9,600	9,500
1,000,000	8,100	0.8	12,800	13,200	13,800	13,700
2,000,000	10,300	0.5	18,500	19,000	19,900	19,700

Size of estimate	Balance of Queensland Statistical Regions						
	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
	No.	No.	No.	No.	No.	No.	No.
1,000	350	370	390	380	380	350	400
1,200	380	410	430	410	410	390	440
1,500	430	460	480	460	470	440	500
1,800	470	500	530	510	510	480	550
2,000	500	530	560	540	540	510	580
2,400	550	580	610	590	600	560	630
2,500	560	600	630	610	610	570	650
3,000	620	660	690	670	670	630	710
3,500	670	710	750	720	730	680	770
4,000	720	760	800	780	780	730	830
4,500	760	810	850	830	830	780	880
5,000	810	860	900	870	880	820	930
6,000	890	940	990	960	960	910	1,050
8,000	1,050	1,100	1,150	1,100	1,100	1,050	1,200
10,000	1,150	1,250	1,300	1,250	1,250	1,200	1,350
20,000	1,650	1,750	1,850	1,800	1,800	1,700	1,950
30,000	2,050	2,200	2,300	2,250	2,250	2,100	2,400
40,000	2,400	2,550	2,700	2,600	2,600	2,450	2,800
50,000	2,700	2,850	3,000	2,950	2,950	2,750	3,100
100,000	3,900	4,150	4,350	4,200	4,200	3,950	4,500
200,000	5,600	5,900	6,200	6,100	6,100	5,700	6,500

## TECHNICAL NOTES – continued

## Linear Interpolation

12. Linear interpolation is used to determine the standard error of an estimate which falls between two values listed in the *size of estimate* column in Tables A or B. Linear interpolation is best described using an example. In November 1990 there were 550,800 ( $X_e$ ) employed females in Queensland. This estimate falls between the values 500,000 ( $X_1$ ) and 1,000,000 ( $X_u$ ) in Table A.

13. The standard error of the estimate is determined as follows:

$$\begin{aligned} \text{Firstly calculate } F &= \frac{X_e - X_1}{X_u - X_1} \\ &= \frac{550,800 - 500,000}{1,000,000 - 500,000} \\ &= 0.1016 \end{aligned}$$

Secondly, calculate the standard error of the estimate,  $SE(X_e)$  thus,

$$\begin{aligned} SE(X_e) &= SE(X_1) + F[SE(X_u) - SE(X_1)] \\ &= 6,300 + 0.1016 \times [8,100 - 6,300] \\ &= 6,483 \\ &= 6,500 \text{ rounding to the nearest 100.} \end{aligned}$$

Therefore the standard error of the number of employed females in Queensland in November 1990 (550,800) is 6,500.

TABLE B – STANDARD ERRORS OF MONTHLY MOVEMENTS FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Brisbane (BSD) Statistical Regions					
	Queensland; Brisbane (BSD); Balance of Queensland		Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance
	No.	%	No.	No.	No.	No.
1,000	520	52.3	300	280	230	290
1,500	600	40.1	360	340	270	350
2,000	660	33.2	410	380	310	390
2,500	450	28.6	450	420	340	430
3,000	760	25.4	490	460	360	470
4,000	840	21.0	550	520	410	530
5,000	910	18.2	610	570	460	590
6,000	970	16.1	660	620	490	640
8,000	1,050	13.3	740	700	560	720
10,000	1,150	11.5	820	770	610	790
20,000	1,450	7.3	1,100	1,050	830	1,050
30,000	1,700	5.6	1,300	1,250	990	1,300
40,000	1,850	4.6	1,500	1,400	1,100	1,450
50,000	2,000	4.0	1,650	1,550	1,250	1,600
100,000	2,550	2.5	2,200	2,100	1,650	2,150
200,000	3,200	1.6	3,000	2,850	2,250	2,900

Size of estimate	Balance of Queensland Statistical Regions						
	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
	No.	No.	No.	No.	No.	No.	No.
1,000	260	270	310	290	310	290	260
1,500	310	320	370	350	370	350	310
2,000	350	360	410	400	420	400	350
2,500	390	400	460	440	460	440	390
3,000	420	430	490	470	500	470	420
4,000	480	490	560	540	560	540	480
5,000	520	540	620	590	620	590	530
6,000	570	590	670	640	670	640	570
8,000	640	660	760	720	760	720	640
10,000	710	730	830	800	840	800	710
20,000	960	990	1,150	1,100	1,150	1,100	960
30,000	1,150	1,200	1,350	1,300	1,350	1,300	1,150
40,000	1,300	1,350	1,500	1,450	1,550	1,450	1,300
50,000	1,400	1,450	1,700	1,600	1,700	1,600	1,450
100,000	1,900	2,000	2,250	2,150	2,250	2,150	1,950
200,000	2,600	..	..	2,950	3,050	2,900	..

## GLOSSARY

*Attending school.* Persons aged 15 to 19 years who, during the reference week, were enrolled full-time at secondary or high schools.

*Attending tertiary educational institution full-time.* Persons aged 15 to 24 years who, during the reference week, were enrolled full-time at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges.

*Average hours worked.* Aggregate hours worked by a group divided by the number of persons in that group.

*Average duration of unemployment.* For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.

*Dependants.* All family members under 15 years of age, all family members aged 15 to 19 years attending school and all family members aged 15 to 24 years attending a tertiary educational institution full-time.

*Duration of unemployment.* The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for 2 weeks or more to the end of the reference week.

*Employed.* Persons aged 15 years and over who, during the reference week:

- (a) worked for 1 hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons);
- (b) worked for 1 hour or more without pay in a family business or on a farm (i.e. unpaid family helpers);
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than 4 weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than 4 weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

*Family.* Two or more related persons (including relationships by blood, marriage or adoption) usually resident in the same household at the time of the survey. A family comprises a married couple or a family head as defined, together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own or
- (c) any children under 15 years of age who do not have a parent present.

*Family head.* The parent in the case of a one-parent family or in the case of other groups of related persons, generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

*Former workers.* Unemployed persons who have previously worked full-time for 2 weeks or more but not in the past 2 years.

*Full-time workers.* Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.

*Hours worked.* The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.

*Job leavers.* Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job voluntarily*, that is, because of unsatisfactory work arrangements, pay or hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties or any other reasons.

*Job losers.* Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job involuntarily*, that is, were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal or temporary and they did not leave that job to return to studies or their last job was running their own business and the business closed down because of financial difficulties.

*Industry.* Classified according to the *Australian Standard Industrial Classification (ASIC), 1983 (1201.0 and 1202.0)*.

*Labour force.* For any group, persons who were employed or unemployed, as defined.

*Labour force status.* A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

*Marital status.* Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

## GLOSSARY – continued

*Median duration of unemployment.* The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

*Not a member of a family.* A person who is not related to any other member of the household in which they are living.

*Not in the labour force.* Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, jails, sanatoriums, etc.), trainee teachers, members of contemplative religious orders and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

*Occupation.* Classified according to the *Australian Standard Classification of Occupations (ASCO), 1986 (1222.0)*.

*Other families.* One-parent families and families in which there is no parent, for example a family head living with a brother or sister.

*Participation rate.* For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.

*Part-time workers.* Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

*Seasonally adjusted series.* A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraph 21 of the Explanatory Notes for more detail.

*Statistical regions.* Classified according to the *Australian Standard Geographical Classification (ASGC), Edition 8*.

*Status of worker.* Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

*Trend series.* A smoothed seasonally adjusted series of estimates. See paragraphs 22 and 23 of the Explanatory Notes for more detail.

*Unemployed.* Persons aged 15 years and over who were not employed during the reference week and:

- (a) had actively looked for full-time or part-time work at any time in the 4 weeks up to the end of the reference week and:
  - (i) were available for work in the reference week or would have been available except for temporary illness (i.e. lasting for less than 4 weeks to the end of the reference week) or
  - (ii) were waiting to start a new job within 4 weeks from the end of the reference week and would have started in the reference week if the job had been available then or
- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than 4 weeks up to the end of the reference week (including the whole of the reference week) for reasons others than bad weather or plant breakdown.

*Unemployed persons classified by industry and occupation.* Unemployed persons who had worked full-time for 2 weeks or more in the last 2 years are classified according to the industry and occupation of their most recent full-time job.

*Unemployed looking for full-time work.* Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

*Unemployed looking for part-time work.* Unemployed persons who had actively looked for part-time work only or were to resume a part-time job, from which they had been stood down.

*Unemployment rate.* For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.



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